

1957

Soybean

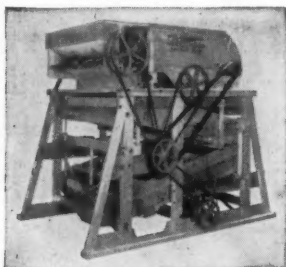
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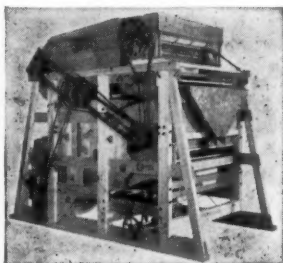
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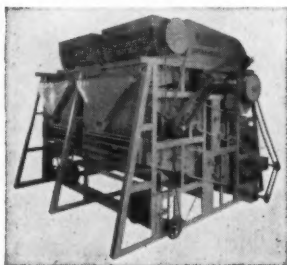
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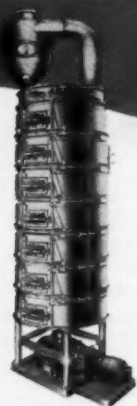
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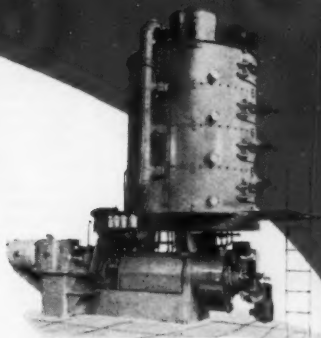
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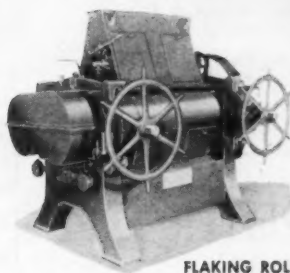


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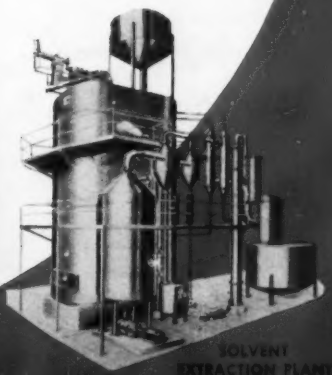
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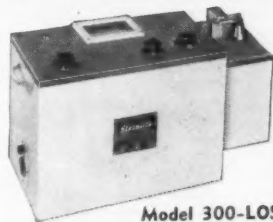
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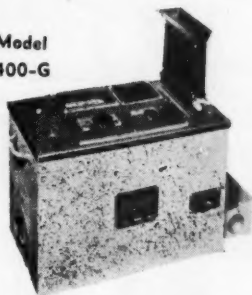
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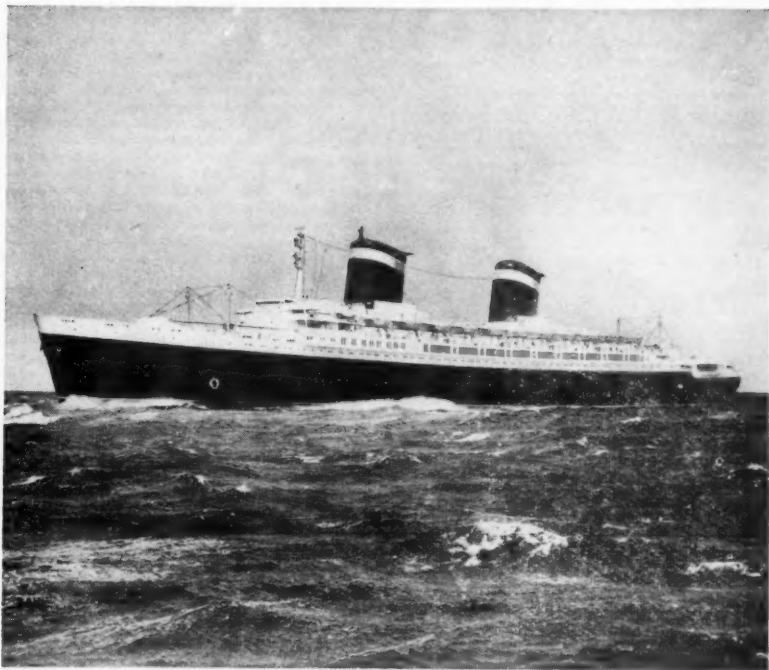


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Soy milk	99	be held responsible for errors or omissions.	

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ACTIVITIES

The American Soybean Association is the non-profit organization devoted to the interests of soybean growers and handlers of the nation. Organizational affairs are directed by a board of directors consisting of 15 members chosen by vote from the states where production is heaviest. Board membership is limited to actual producers of soybeans.

Objectives of the American Soybean Association include the bringing together of all persons interested in the production, distribution and utilization of soybeans; the collection and dissemination of the best available information relating to both the practical and scientific phases of the problems of increased yields coupled with lessened costs; the safe-guarding of production against diseases and insect pests; the promotion of the development of new varieties; the encouragement of the interest of federal and state governments and experiment stations; and the rendering of all possible services to the industry.

FIGHTS YOUR LEGISLATIVE BATTLES.

The American Soybean Association promotes new markets and encourages the expansion of present markets for soybeans and soybean products, counsels with governmental agencies on programs affecting the soybean crop, represents and protects the interests of soybean growers in legislative matters and sponsors and encourages legislation and appropriations for research work on varieties, diseases, pests, new uses, and on

factors limiting or affecting usage of soybean products. Association officers spend large amounts of time representing the interests of soybean growers in Washington and in the state capitals on legislative matters.

PROMOTES MARKETS for soybeans and soybean products in the United States and in foreign countries. Constant contacts with export buyers and users serve to encourage and expand export markets for soybeans, soybean oil meal, soybean oil, lecithin and other products. Encouragement and promotion of markets for soybeans and soybean products in industry, human food and in livestock feeding operations are a major project of the Association.

In 1956 the American Soybean Association signed an agreement with the Foreign Agricultural Service of the U. S. Department of Agriculture for a soybean market development project in Japan to be financed by P. L. 480 funds and funds contributed by the soybean industry. The Japanese-American Soybean Institute in Tokyo is the operating agency for this project.

HOLDS ANNUAL CONVENTIONS with the nation's outstanding soybean authorities as speakers. Its resolutions adopted there serve as guides for the Association during the year.

ENCOURAGES YIELD CONTESTS through which comparisons of growing practices and varieties between counties and states become possible.

ANSWERS YOUR QUESTIONS. The executive office of the American Soybean Association at Hudson, Iowa, serves as a clearing house of information for the industry, answering many thousands of questions that come by postcard, letter and telephone each year.

PUBLICATIONS

The **Soybean Digest** is the only magazine in America devoted to soybeans. Published monthly by the Association it goes to all members of the American Soybean Association. The **Soybean Blue Book** is the annual directory of the industry. **Late News**, Association newsletter carrying the latest crop and market information, appears in each issue of the **Soybean Digest** and is mailed first class to subscribers 20 times yearly in addition.

MEMBERSHIP

Active Membership in the American Soybean Association is open to individuals on payment of annual dues of \$3 and includes subscription to the **Soybean Digest**.

Associate Membership is open to business organizations, corporations, partnerships and other agencies interested in the welfare of the soybean industry at a cost of \$10 per year, including one subscription to the **Soybean Digest**.

JAPANESE-AMERICAN SOYBEAN INSTITUTE

Address—Kawasaki Bldg., 16, 4-Chome Shiba Shinbashi, Minato-Ku, Tokyo, Japan.

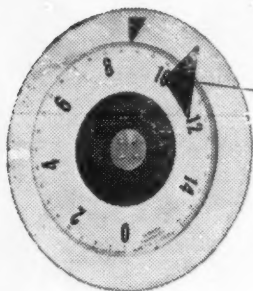
Managing Director—Shizuka Hayashi.

The Japanese-American Soybean Institute was formed early in 1956 as the operating agency for the market development project in Japan for soybeans being conducted by the American Soybean Association in cooperation with the Foreign Agricultural Service of the U. S. Department of Agriculture and utilizing P. L. 480 funds and funds contributed by the soybean industry.

Purpose of the project is to further the market for American soybeans and soybean products by bringing about a closer understanding between the Japanese and the American soybean industries.

A delegation of Japanese industry leaders toured the United States in August and September 1956 to observe firsthand U. S. soybean production and facilities for handling, processing and exporting soybeans. It is expected that other similar delegations will follow.

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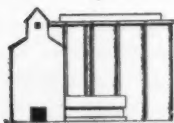
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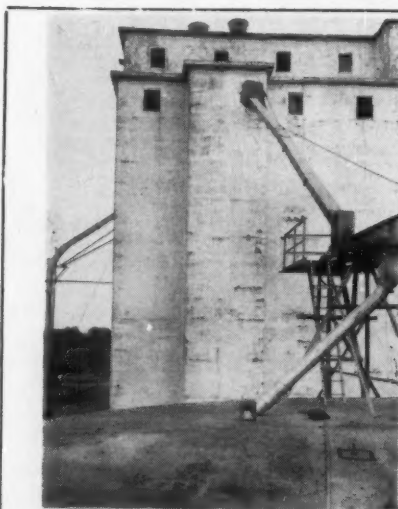
The Soybean Council of America, Inc., is a non-profit organization representing all branches of the soybean industry including producers, grain dealers, processors, manufacturers, exporters and others interested in soybeans and soybean products.

The Council was organized to further expand the markets for soybeans and soybean products and make them more profitable for everybody through education, research and promotion.

First activity of the Council was an agreement with Foreign Agricultural Service of the U. S. Department of Agriculture to employ P. L. 480 funds and funds contributed by the soybean industry for market development projects for soybeans and soybean products in European countries. First of such projects was initiated in Spain early in 1957, with others to follow.

It was expected that similar programs might be undertaken in Asia and South America.

Other early activities may include grants and assistance to needed research projects in the United States on production, marketing and utilization.



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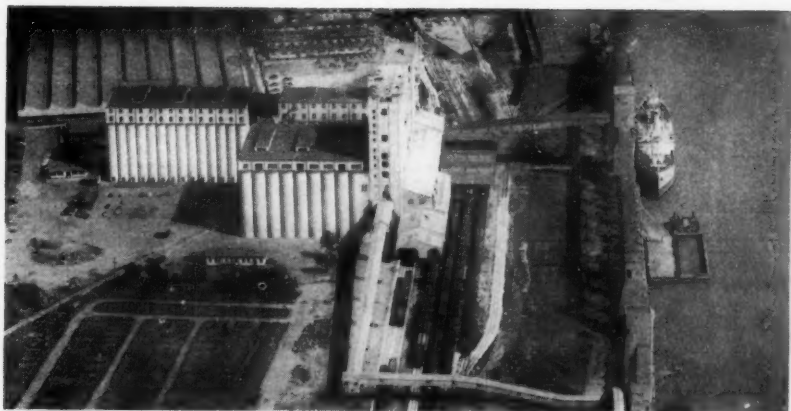
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PORT OF NEW ORLEANS U.S.A.

NATIONAL SOYBEAN PROCESSORS ASSOCIATION

Organized 1930.

Address—3818 Board of Trade Building, Chicago 4, Ill.

OFFICERS

President—R. G. Houghtlin.

Vice President and Chairman of Executive Committee—Dwight L. Dannen.

Secretary—Donald B. Walker.

Treasurer—H. A. Abbott.

Regular membership in the National Soybean Processors Association is limited to individuals, firms or corporations regularly engaged in the actual processing of soybeans. The Association now has 65 members who regularly process more than 85% of the soybeans crushed in the United States.

Recently the constitution of the Association was altered to provide for associate memberships. Firms which are consumers of soybean oil and/or soybean oil meal now are eligible for associate membership. A number of refiners and mixed feed manufacturers are now associate members of the Association.

The Association policy is determined by its board of directors who represent all sections of the processing areas and all types of processing units. The 11 committees of the Association carry on the general activities of the group.

Through this organization, equitable trading rules have been developed which have admirably and fairly served the buyers and sellers of soybean products during the years in which the soybean industry has made such remarkable growth.

The intense research activity fostered by the Association and its members has played an

important part in placing the industry on the high plane which it enjoys today. The promotional efforts of the Association and its members have established a place for soybean products in highly competitive fields. Through this research and promotional activity the products of soybeans have become standard essentials in our food, feed and industrial markets.

In March 1948 the Association launched a national soybean crop improvement program with J. W. Cailand of Decatur, Ind., as director.

Since the inauguration of the program, some 300,000 copies of the booklet, *Soybean Farming*, have been distributed. The publication is now in its third edition. A publication, *Soybean News*, issued four times a year, is being sent to a mailing list of over 21,000. A recent activity has been the production of a sound color 16-mm movie entitled, *Soybeans—the Feature Story*. This film runs 27 minutes. It is available from the American Soybean Association, Hudson, Iowa, the university film libraries in the principal soybean producing states and from the Modern Talking Picture Service, Inc., 142 E. Ontario St., Chicago 11, Ill. *Soybeans—the Feature Story* is now being produced in black and white for use on television stations and has been viewed by more than 8 million people. Prints for TV showings are available from Modern Talking Picture Service, TV division, 219 E. 44th St., New York 17, N. Y.

Working with the Crop Improvement Council is an advisory board made up of agronomists from 18 of the principal soybean states and two members of the U. S. Regional Soybean Laboratory. This board works closely with the Council in all matters of soybean production research, variety improvement and better cultural practices.

SOYA FOOD RESEARCH COUNCIL

Organized 1936.

Address—1026 17th St., N. W. Washington 6, D. C.

Chairman—W. R. Eichenberger.

Vice Chairman—J. J. Sellner.

Treasurer—H. A. Olendorf.

Secretary—Douglas Dies.

General Counsel—John D. Conner.

Representing American Soybean Association—Geo. M. Strayer.

This Council, which represents the interests of both the manufacturers of soy food products and the growers of soybeans, is primarily interested in scientific research, new product studies, refinement of methods, and developments of new markets.

During the war and postwar periods, this group was the channel through which the industry assisted the government in bringing about public consciousness of the high food value and comparative low cost of soy protein products. With helpful advice from government technologists, standards were adopted.

At government request substantial increases were made in the industry's productive capacity.

In recent years there has been large usage of soy flour products in various parts of the world. American usage has increased. There has been a growing realization, both in public and in government, that edible soy protein is the key to providing low-cost protein to millions whose diets are dangerously low in proteins.

In the past few years various types of scientific research on soy flour have been or are being carried on, in the following institutions: University of Illinois, Purdue University, University of Minnesota, Kansas State College, Pittsburgh University, Midwest Laboratories, U. S. Regional Laboratories, and elsewhere.

This work is far more than matched by the studies conducted in the large laboratories of private companies.

Today soy flour is used in many food articles including:

Bakery products, breakfast foods, candies, chocolate, diabetic foods, health drinks, ice cream cones, ice cream powder, infant foods, macaroni and spaghetti products, meat products, prepared mixes and pet foods.

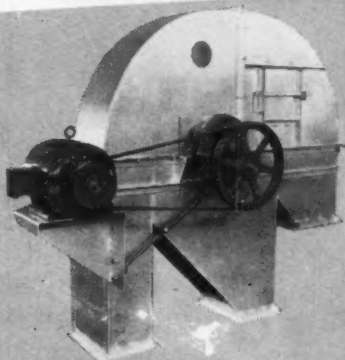
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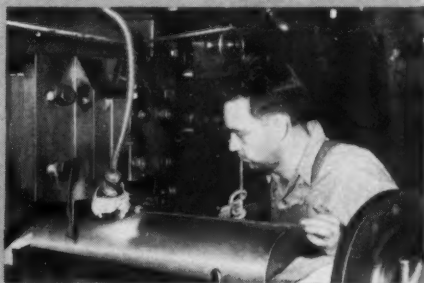
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First Vice Chairman—A. E. Jolley, Chatham.

Second Vice Chairman—D. A. McLachlin, Tupperville.

Secretary-Manager—K. A. Standing, Chatham, full time.

14,000 grower-members. Purpose to control marketing of soybeans in Ontario and regulate the sale. Does not conduct actual purchase and sale, though has powers to do so.

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NATIONAL FATS AND OILS BROKERS' ASSOCIATION, INC.

President—Cecil Bays, Cecil Bays & Co., 1135 W. Huntington Drive, Arcadia, Calif.

Vice President—F. Gordon Nichol, Lacy-Logan Co., 153 Meadows Bldg., Dallas 6, Tex.

Secretary-Treasurer—Gregory D. Huffaker, Zimmerman Alderson Carr Co., 19 Rector St., New York City 6, N. Y.

The National Fats and Oils Brokers' Association is a non-profit corporation formed for the purpose of creating and maintaining a high standard of ethics among commodity brokers and promoting a better relation and understanding between buyer and seller.

MIDSOUTH SOYBEAN AND GRAIN SHIPPERS ASSOCIATION

Office—Box 692, Blytheville, Ark.

President—J. P. Critz, Clarksdale Grain Elevator, Clarksdale, Miss.

Vice President—Albert Cravens, Missouri Soybean Corp., Caruthersville, Mo.

Secretary-Treasurer—Paul C. Hughes, Farmers Soybean Corp., Blytheville, Ark.

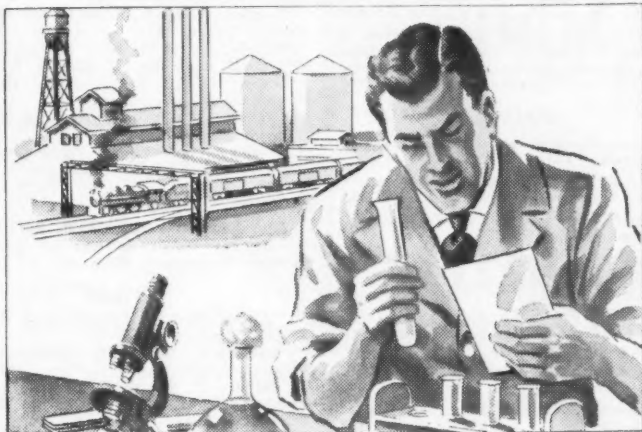
The Midsouth Soybean and Grain Shippers Association is made up of country shippers in the states of Missouri, Kentucky, Tennessee, Arkansas, Mississippi and Louisiana.

Purpose is to promote the common interests of the members and to bring about a better understanding between all segments of the grain trade in the Midsouth including farmers, country shippers, processors, exporters, and brokers.

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U. S. DEPARTMENT OF AGRICULTURE

USDA agencies with relationship to soybeans.
(Washington 25, D. C., unless otherwise noted.)

AGRONOMIC RESEARCH

AGRICULTURAL RESEARCH SERVICE

Field Crops Research Branch. Forage and Range Section, Herbert W. Johnson, Beltsville, Md.

U. S. Regional Soybean Laboratory, 160 Dav-
enport Hall, Urbana, Ill., J. L. Cartter, director.

Staff: Floyd I. Collins, chemist; Orland A.
Krober, chemist; Robert W. Howell, physiologist;
Richard L. Bernard, breeder; Calvin R. Mumaw,
agronomist; Carolyn Younger, secretary.

FIELD

Abel, George H., Southwestern Irrigation Field
Station, Brawley, Calif.

**Bothun, R. E., Department of Agronomy,
Agricultural Experiment Station, Fargo, N. Dak.

Brim, Charles A., Dept. of Agronomy, N. C.
State College, Raleigh, N. C.

**Brown, Otto, Gulf Coast Substation, Fairhope,
Ala.

**Caviness, Charles E., Agricultural Experiment
Station, Fayetteville, Ark.

**Franzke, Clifford J., Agricultural Experiment
Station, Brookings, S. Dak.

**Gray, John P., Agricultural Experiment Sta-
tion, Baton Rouge, La.

**H. B. Harris, Agricultural Experiment Station,
Experiment, Ga.

Hartwig, Edgar E., Coordinator for Southern
States, Delta Branch Experiment Station,
Stoneville, Miss.

**Hildebrand, S. C., Department of Farm Crops,
Agricultural Experiment Station, East Lansing,
Mich.

Hinson, Kuell, Department of Agronomy,
Florida Agricultural Experiment Station, Gaines-
ville, Fla.

**Kramer, Herbert H., Agricultural Experiment
Station, Lafayette, Ind.

**Lambert, Jean W., Agricultural Experiment
Station, University Farm, St. Paul, Minn.

Leffel, Robert C., Dept. of Agronomy, Uni-
versity of Maryland, College Park, Md.

**Mader, E. L., Department of Agronomy, Agri-
cultural Experiment Station, Manhattan, Kans.

**Matlock, Ralph S., Agricultural Experiment
Station, Stillwater, Okla.

**O'Kelly, J. Fred, Agricultural Experiment
Station, State College, Miss.

**Paden, William R., Agricultural Experiment
Station, Clemson, S. C.

Probst, Albert H., Agricultural Experiment
Station, Lafayette, Ind.

**Rouse, R. D., Agricultural Experiment Sta-
tion, Auburn, Ala.

Sentz, J. C., Dept. of Agronomy & Plant
Genetics, University of Minnesota, St. Paul,
Minn.

**Skold, L. N., Agricultural Experiment Sta-
tion, Knoxville, Tenn.

**Smith, Paul E., Department of Agronomy,
Ohio State University, Columbus 10, Ohio.

**Smith, R. L., North Florida Agricultural
Experiment Station, Box 252, Atmore, Fla.

**Smith, T. J., Agricultural Experiment Sta-
tion, Blacksburg, Va.

**Staten, Raymond D., Agricultural Experiment
Station, College Station, Tex.

**Stephens, James L., Coastal Plain Experiment
Station, Tifton, Ga.

**Torrie, James H., Dept. of Agronomy, Uni-
versity of Wisconsin, Madison 6, Wis.

*Weber, Charles R., Agronomy Bldg., Iowa
State College, Ames, Iowa.

**Williams, James H., Agricultural Experiment
Station, Lincoln, Nebr.

*Williams, Leonard F., Agricultural Experi-
ment Station, Columbia, Mo.

DISEASE RESEARCH

Field Crops Research Branch, Beltsville, Md.:
Forage and Range Section, K. W. Kreitlow,
Herbert W. Johnson, H. S. Yu.

FIELD

***Athow, Kirk L., Agricultural Experiment
Station, Lafayette, Ind.

Chamberlain, Donald W., Regional Soybean
Laboratory, Urbana, Ill.

**Christensen, J. J., head, Department of Plant
Pathology and Botany, University of Minnesota,
St. Paul 1, Minn.

***Dunleavy, John, Agricultural Experiment
Station, Ames, Iowa.

Jones, John P., Delta Branch Experiment Sta-
tion, Stoneville, Miss.

Ross, John Paul, Box 5397, State College Station,
Raleigh, N. C.

**Schmitthener, A. F., Ohio Agricultural Ex-
periment Station, Wooster, Ohio.

ENTOMOLOGICAL RESEARCH

Entomology Research Branch, E. F. Knipling,
chief; Cereal and Forage Insects Section, W. A.
Baker, head.

UTILIZATION RESEARCH

Northern Utilization Research Branch, Peoria,
Ill., W. D. MacLay, chief; Carl E. Rist, assistant
chief.

Oilseeds Section—J. C. Cowan, head.

Fermentation Section—R. W. Jackson, head.

Engineering and Development Section—J. R.
Dilley, acting head.

Southern Utilization Research Branch, New Or-
leans, La., C. H. Fisher, chief.

**Animal and Poultry Husbandry Research
Branch,** Beltsville, Md., N. R. Ellis, chief.

Dairy Husbandry Research Branch, Beltsville,
Md., Ralph E. Hodgson, chief; Nutrition and
Physiology Section, Joseph F. Sikes, head.

Household Economics Research Branch, Wash-
ington, Gertrude S. Weiss, chief; Food Consump-
tion Section, Faith Clark, head.

MARKETING RESEARCH

Agricultural Marketing Service

O. V. Wells, administrator; deputy administra-
tor for marketing services, Roy W. Lennartson.

*Part time with Soybean Laboratory.

**Collaborator without pay.

***Part time with Field Crops Research Branch,
A.R.S.

U. S. DEPARTMENT OF AGRICULTURE— (Continued)

Marketing Research and Statistics, Omer W. Hermann, deputy administrator. Grain Division (B. W. Whitlock, director)—inspection branch, Washington; market news branch, Washington; seed branch, Beltsville; standardization and testing branch, Beltsville. Agricultural Economic Division (Frederick V. Waugh, director)—statistical and historical research branch (James P. Cavin, chief). Agricultural Estimates Division (Crop Reporting Board—Sterling R. Newell, director). Marketing Research Division (Harry C. Trelogan, director)—market development branch (R. M. Walsh, chief); transportation and facilities branch (W. C. Crow, chief).

Foreign Agricultural Service

Gwynn Garnett, administrator; deputy administrator, C. E. Whipple; assistant administrator agricultural attaches, Robert C. Tetro; assistant administrator for market development and programs, Gordon O. Fraser; director, Grain and Feed Division, vacant; director, Fats and Oils Division, George A. Parks, Jr.

Commodity Stabilization Service

Walter C. Berger, administrator. Deputy administrator price support (Preston Richards); deputy administrator production adjustment (H. L. Manwaring). Grain division (Lloyd N. Case, director); oils and peanut division (J. E. Thigpen, director); price division (Murray Thompson, director); transportation and storage services division (M. J. Hudtloff, director).

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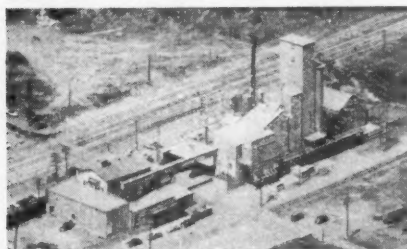
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SOYBEAN PRODUCTION—UNITED STATES

SOYBEANS: ACREAGE, YIELD AND PRODUCTION IN THE UNITED STATES, 1924-56

Year	Acres Planted—			—Acres Harv.—		Grazed or Plowed Under	Average Yield Per Acre Harv.		Total Prod. For Beans Thous.	
	Grown Alone	Inter-planted*	Equivalent Solid†	For Beans‡	For Hay		For Beans	For Hay	For Beans	For Hay
	Thousand Acres			Thousand Acres			Bushels	Tons	Bushels	Tons
1924	1567	417	1782	448	1147	187	11.0	1.13	4947	1299
25	1539	476	1785	415	1175	195	11.7	1.01	4875	1185
1930	3072	786	3473	1074	2062	337	13.0	.94	13929	1938
31	3835	909	4304	1141	2772	391	15.1	1.26	17260	3479
32	3704	893	4165	1001	2738	426	15.1	1.25	15158	3433
33	3537	813	3957	1044	2506	407	12.9	1.16	13509	2917
34	5764	858	6207	1556	4227	424	14.9	1.08	23157	4545
35	6966	1028	7503	2915	4044	544	16.8	1.34	48901	5422
36	6127	2115	7183	2359	3116	1708	14.3	.96	33721	3002
37	6332	2261	7464	2586	3469	1409	17.9	1.36	46164	4731
38	7318	2541	8587	3035	3724	1828	20.4	1.43	61906	5335
39	9565	2710	10920	4315	4590	2015	20.9	1.48	90141	6772
1940	10487	2589	11782	4807	4819	2156	16.2	1.34	78045	6450
41	10068	2555	11345	5889	3546	1910	18.2	1.30	107197	4616
42	13696	2426	14912	9894	2621	2397	19.0	1.36	187524	3555
43	14191	2475	15428	10397	3177	1854	18.3	1.21	190131	3837
44	13118	1861	14050	10245	2577	1228	18.8	1.18	192121	3040
45	13056	1505	13807	10740	1940	1127	18.0	1.26	191367	2451
46	11706	1458	12434	9332	1499	1003	20.5	1.28	207395	1912
47	13052	1408	13755	11411	1292	1052	16.3	1.22	186451	1574
48	11987	1259	12617	10682	1111	824	21.3	1.30	227217	1446
49	11872	1165	12456	10482	1130	844	22.3	1.32	234194	1488
1950	15048	1184	15640	13807	963	870	21.7	1.31	299249	1260
51	15176	955	15655	13615	893	1147	20.8	1.24	283777	1110
52	15958	831	16374	14435	1085	854	20.7	1.10	298839	1191
53	16394	653	16719	14829	1037	853	18.2	1.09	269169	1134
54	18541	663	18872	17047	876	949	20.0	1.04	341075	913
1955	19658	603	19959	18620	711	628	20.1	1.28	373522	910
56‡	21970	578	22259	20926	572	761	21.8	1.28	455869	734

*Grown with other crops. †Equivalent solid acreage (acreage grown alone with an allowance for acreage grown with other crops). ‡Preliminary. Source of data: Agricultural Marketing Service, U. S. Dept. of Agriculture.

SOYBEAN ACREAGE, YIELD AND PRODUCTION IN THE U. S. BY STATES, 1956*

	Acres Planted—			—Acres Harv.—		Grazed or Plowed Under	Average Yield Per Acre Harv.		Total Prod. For Beans Thous.	
	Grown Alone	Inter-planted	Equivalent Solid**	For Beans†	For Hay		For Beans	For Hay	For Beans	For Hay
	Thousand Acres			Thousand Acres			Bushels	Tons	Bushels	Tons
N. Y.	9	—	9	8	—	1	14.0	—	112	—
N. J.	51	—	45	—	2	4	24.0	1.80	1080	4
Pa.	55	—	55	21	14	20	18.5	1.55	388	22
Ohio	1339	—	1339	1301	13	25	24.0	1.60	31224	21
Ind.	2228	—	2228	2172	34	22	24.0	1.50	52128	51
Ill.	4785	—	4785	4735	25	25	28.5	1.35	134948	34
Mich.	207	—	207	200	1	6	21.0	1.40	4200	1
Wis.	96	—	96	85	6	5	15.5	1.95	1318	12
Minn.	2697	—	2697	2627	8	62	20.0	1.40	52540	11
Iowa	2597	—	2597	2545	13	39	20.0	1.40	50900	18
Mo.	2005	6	2008	1956	26	26	20.0	1.20	39120	31
N. D.	180	—	180	173	—	7	12.5	—	2162	—
S. D.	237	—	237	224	—	13	11.5	—	2576	—
Nebr.	171	—	171	152	—	19	11.5	—	1748	—
Kans.	408	—	408	355	6	47	8.5	1.00	3018	6
Del.	155	—	155	150	4	1	23.0	1.30	3450	5
Md.	219	—	219	201	6	12	22.0	1.55	4422	9
Va.	293	42	314	271	13	30	21.5	1.40	5826	18
W. Va.	8	—	8	—	6	2	—	1.75	—	10
N. C.	494	66	527	416	58	53	21.5	1.15	8944	67
S. C.	280	80	320	268	20	32	11.0	1.05	2948	21
Ga.	107	54	134	83	27	24	12.5	.95	1038	26
Fla.	40	—	40	34	—	6	22.0	—	748	—
Ky.	190	—	190	133	51	6	22.5	1.70	2992	87
Tenn.	308	54	335	240	60	35	16.5	1.35	3960	81
Ala.	155	—	155	110	43	2	21.0	.95	2310	41
Miss.	832	32	848	732	76	40	16.0	1.30	11712	99
Ark.	1558	60	1588	1509	35	44	18.0	1.00	27162	35
La.	185	184	277	135	12	130	17.0	1.10	2295	13
Okl.	54	—	54	25	10	19	8.0	.70	200	7
Tex.	27	—	27	20	3	4	20.0	1.30	400	4
U. S.	21970	578	22259	20926	572	761	21.8	1.28	455869	734

*Preliminary. **Acreage grown alone, plus one-half the interplanted acreage. †Equivalent solid acreage (acreage grown alone, with an allowance for acreage grown with other crops).

SOYBEAN PRODUCTION—(Continued)

SOYBEANS: SUPPLY AND UTILIZATION IN THE UNITED STATES, 1924-1956

Year Beginning Oct. 1	Supply				Utilization					Carry- over Sept. 30. 7*
	Total Stocks Oct. 1 ¹	Produc- tion**	Imports for Con- sump- tion	Total Supply†	Seed	Feed‡	Processed for Oil and Meal	Exports§	Other Uses	
1,000 BUSHELS										
1924-25	5	4,947	60	5,012	1,900	1,207	307	-----	1,596	2
1925-26	2	4,875	71	4,948	2,289	1,174	351	-----	1,134	8*
1926-27	8*	5,239	67	5,306	2,525	1,311	335	-----	1,133	2
1927-28	2	6,938	70	7,010	2,687	1,631	559	-----	2,133	8*
1928-29	8*	7,880	77	7,957	2,984	1,473	882	-----	2,548	70
1929-30	70	9,438	64	9,572	3,762	1,730	1,666	-----	2,298	116
1930-31	116	13,929	54	14,099	4,724	2,763	4,069	-----	2,049	494
1931-32	494	17,260	49	17,803	4,633	2,867	4,725	2,161	3,295	122
1932-33	122	15,158	13	15,293	4,490	2,264	3,470	2,450	2,561	58
1933-34	58	13,509	6	13,573	7,615	2,111	3,054	-----	767	26
1934-35	26	23,157	5	23,188	10,066	2,036	9,105	19	1,643	319
1935-36	319	48,901	4	49,224	8,875	3,898	25,181	3,490	7,419	361
1936-37	361	33,721	17	34,099	9,539	2,741	20,618	19	889	293
1937-38	293	46,164	3	46,460	10,947	3,273	30,310	1,392	198	340
1938-39	340	61,906	3	62,249	14,667	4,554	44,648	4,424	-7,099	965
1939-40	965	90,141	2	91,108	15,974	5,365	56,694	10,979	1,713	393
1940-41	393	78,045	1	78,439	15,141	4,999	64,056	284	-6,731	690
1941-42	690	107,197	8*	107,887	20,385	3,925	77,151	489	-72	6,009
1942-43	6,009	187,524	8*	193,533	20,980	6,016	133,454	917	19,629	12,537
1943-44	12,537	190,133	8*	202,670	19,758	5,496	142,306	962	19,995	14,153
1944-45	14,153	192,121	4	206,278	18,911	3,529	153,402	5,090	17,607	7,739
1945-46	7,739	193,167	8*	200,906	16,745	3,727	159,460	2,858	13,760	4,356
1946-47	4,356	203,395	8*	207,751	17,455	2,638	170,245	3,880	8,140	5,393
1947-48	5,393	186,451	8*	191,844	16,066	2,503	161,397	2,972	6,289	2,617
1948-49	2,617	227,217	7	229,841	15,945	2,805	183,664	23,015	1,231	3,181
1949-50	3,181	234,194	4	237,379	19,021	2,506	195,265	13,142	4,538	2,907
1950-51	2,907	299,249	2	302,158	18,225	2,530	251,990	27,833	-2,581	4,161
1951-52	4,161	283,777	1	287,939	19,539	2,027	244,380	17,046	1,358	3,589
1952-53	3,589	298,839	2	302,430	20,539	1,852	234,404	31,908	3,593	10,134
1953-54	10,134	269,169	19	279,322	23,368	1,397	213,158	39,663	391	1,345
1954-55	1,345	341,075	1	342,421	24,199	1,673	249,010	60,619	-3,029	9,949
1955-56	9,949	373,522	2	383,473	26,948	2,231	283,126	66,751	706	3,711
1956-57	3,711	455,869								

*Factory and warehouse stocks only, through Oct. 1, 1941; total stocks, Oct. 1, 1942 and subsequently.
 **Crop of year listed first, e.g., the 1924 crop was 4,947,000 bushels. †Sum of stocks, production and imports. The "total supply" figures for years previous to 1942-43 are incomplete to the extent that they do not include stocks on farms, in country elevators, and at terminal markets. (Such stocks were not reported previous to Oct. 1, 1942.) Figures are not adjusted for new crop soybeans used in September. ‡Fed to livestock on farms where produced. §Data not available for years previous to 1931-32. Includes shipments to U. S. territories, 1937-38 through 1950-51. ¶Residual item. This includes soybeans fed to livestock other than on farms where the soybeans were produced. It may also include small quantities used for human food. Prior to 1931-32 it includes exports. Prior to 1937-38 it includes shipments to U. S. territories. The minus quantities shown for some years are explainable largely by unreported stocks (prior to Oct. 1942) and by the use of new crop soybeans in September of year of production. * Factory and warehouse stocks only, through September 30, 1941; total stocks, Sept. 30, 1942 and subsequently. 8* Less than 500 bushels. Source of data: Agricultural Marketing Service, U. S. Department of Agriculture.

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CANADIAN PRODUCTION

SOYBEAN ACREAGE, YIELD PER ACRE,
AND PRODUCTION, 1942-1956

Year	Acreage	Yield per Acre		Production
		Acres	Bushels	
1942	41,500	21.0	872,000	
1943	35,600	16.0	570,000	
1944	36,200	18.8	681,000	
1945	46,200	18.3	844,000	
1946	59,200	18.1	1,072,000	
1947	61,000	18.2	1,110,000	
1948	94,000	19.4	1,824,000	
1949	104,000	25.1	2,610,000	
1950	142,000	23.4	3,323,000	
1951	155,000	24.8	3,844,000	
1952	172,000	24.0	4,128,000	
1953	216,000	20.4	4,406,000	
1954	254,000	19.5	4,953,000	
1955	214,000	26.4	5,650,000	
1956	228,000	21.6	4,935,000	

Compiled from official records of the Dominion Bureau of Statistics. U. S. Department of Agriculture, Foreign Agricultural Service, Fats and Oils Division.

SOYBEAN OIL AND OILCAKE PRODUCTION,
CROP YEARS 1943-44 THROUGH 1955-56

Crop Year	Soybeans Crushed	Oil Produced		Oilcake and Meal Produced
		Bushels	Tons	
1943-44	241,315	1,078	6,308	
1944-45	889,283	3,875	21,064	
1945-46	1,541,869	7,333	36,439	
1946-47	2,277,304	11,362	52,596	
1947-48	2,300,743	12,236	54,343	
1948-49	3,901,831	19,832	89,002	
1949-50	4,958,799	25,237	116,845	
1950-51	7,393,274	36,338	176,343	
1951-52	7,059,102	35,163	169,762	
1952-53	8,406,128	41,963	200,725	
1953-54	8,837,753	46,695	213,169	
1954-55	10,211,458	52,559	241,465	
1955-56	11,799,336	62,085	279,095	

Compiled from official records of the Dominion Bureau of Statistics. U. S. Department of Agriculture, Foreign Agricultural Service, Fats and Oils Division.

SOYBEAN PRODUCTION, UTILIZATION AND VALUE, 1936-1956 CANADA

Year Beginning August 1	Production*	Imports	Supplies	Exports of Beans	Farm Value of Production	Processed for Oil and Meal	Soybean Oil Produced	Soybean Oilcake Produced
	000 bu.	000 bu.	000 bu.		\$ 000	000 bu.	000 lb.	Short Tons
1936	248	7	255	---	N. A.	N. A.	N. A.	N. A.
1937	159	44	203	---	N. A.	N. A.	N. A.	N. A.
1938	204	109	313	---	N. A.	N. A.	N. A.	N. A.
1939	215	136	351	---	N. A.	N. A.	N. A.	N. A.
1940	233	27	260	---	N. A.	N. A.	N. A.	N. A.
1941	217	46	263	---	N. A.	N. A.	N. A.	N. A.
1942	872	35	907	---	1,509	N. A.	N. A.	N. A.
1943	570*	168	738	---	1,026	241	2,156	6,308
1944	681*	476	1,157	---	1,362	889	7,751	21,064
1945	844*	1,245	2,089	---	1,604	1,542	14,666	36,439
1946	1,072	1,786	2,858	---	2,370	2,277	22,723	52,596
1947	1,110	1,075	2,185	---	3,397	2,301	24,472	54,343
1948	1,824	2,066	3,890	---	4,195	3,902	39,664	89,002
1949	2,605	2,837	5,442	---	5,887	4,959	50,474	116,845
1950	3,323	4,723	8,046	---	8,474	7,393	72,676	176,343
1951	3,844	4,229	8,073	---	10,571	7,059	70,325	169,762
1952	4,128	3,897	8,025	---	10,526	8,406	87,926	200,725
1953	4,406	4,948	9,354	568	10,795	8,838	93,390	213,169
1954	4,953	7,694	12,647	905	11,887	10,211	105,118	241,465
1955	5,650	8,309	13,959	1,492	11,808	11,799	124,171	279,095
1956	4,935							

Compiled from official records of the Dominion Bureau of Statistics. U. S. Department of Agriculture, Foreign Agricultural Service, Fats and Oils Division. *With the exception of the period 1943-45 when small quantities were grown in Manitoba and British Columbia, the production of soybeans in Canada has taken place in the province of Ontario. In 1956, 3,000 acres produced 30,000 bushels in Manitoba.

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SOYBEAN PRODUCTION

SOYBEANS: Acreage, Yield and Production 1924-56 by States

Year	Acres Planted—			Acres Harv.—		Grazed or Plowed Under	Average Yield Per Acre Harv.		Total Prod. For	
	Grown Alone	Inter- planted*	Solid†	For Beans‡	For Hay		For Beans	For Hay	Beans Thous.	Hay Thous.
	Thousand Acres			Thousand Acres			Bushels	Tons	Bushels	Tons
Alabama										
1924	95	25	107	3	81	23	6.5	.80	20	65
1925	115	23	127	3	96	28	7.0	.60	21	58
1930	150	14	157	8	129	20	5.0	.80	40	103
1935	183	28	197	11	163	23	5.5	.90	60	147
1940	275	37	294	11	238	45	6.5	.90	72	214
1945	238	20	248	29	186	33	12.0	.90	348	167
1950	150	10	155	73	68	14	19.0	1.00	1387	68
51	166	8	170	88	66	16	18.0	.90	1584	59
52	166	7	170	92	68	10	19.0	.80	1748	54
53	149	6	152	92	53	7	20.5	.90	1886	48
54	165	7	169	104	54	11	11.5	.75	1196	40
55	148	—	148	94	51	3	23.0	1.00	2162	51
56§	155	—	155	110	43	2	21.0	.95	2310	41
Arkansas										
1924	24	27	38	3	24	11	6.5	1.10	20	26
1925	32	35	50	4	36	10	6.0	.90	24	32
1930	76	51	102	9	76	17	7.5	.75	68	57
1935	116	90	161	27	104	30	11.5	.95	310	99
1940	205	413	411	63	163	185	12.0	1.25	756	204
1945	342	177	430	209	119	102	16.0	1.15	3344	137
1950	646	176	734	581	80	73	21.5	1.20	12492	96
51	685	111	741	607	74	60	20.0	1.15	12140	85
52	952	88	996	866	100	30	16.0	.90	13856	90
53	800	62	831	665	108	58	11.0	.85	7315	92
54	980	90	1025	902	90	33	11.5	.80	10373	72
55	1277	66	1310	1217	50	43	18.0	1.10	21906	55
56§	1558	60	1588	1509	35	44	18.0	1.00	27162	35
Delaware										
1924	18	—	18	12	6	—	11.0	1.00	132	6
1925	18	—	18	11	7	—	15.0	1.10	165	8
1930	25	—	25	15	10	—	6.0	1.15	90	12
1935	27	—	27	16	11	—	13.9	1.30	208	14
1940	48	—	48	25	16	7	12.0	1.20	300	19
1945	58	—	58	41	14	3	14.0	1.35	574	19
1950	74	—	74	63	8	3	14.0	1.30	882	10
51	69	—	69	61	6	2	14.5	1.30	884	8
52	67	—	67	58	7	2	17.0	1.35	986	9
53	72	—	72	64	6	2	16.5	1.25	1056	8
55	110	—	110	105	4	1	20.0	1.30	2100	5
56§	155	—	155	150	4	1	23.0	1.30	3450	5
Florida (Not Estimated Prior to 1949)										
1949	8	—	8	6	—	2	20.0	—	120	—
1950	9	—	9	7	—	2	19.0	—	133	—
51	10	—	10	8	—	2	18.0	—	144	—
52	14	—	14	12	—	2	20.0	—	240	—
53	17	—	17	14	—	3	18.0	—	252	—
54	35	—	35	29	—	6	12.0	—	348	—
55	40	—	40	36	—	4	22.0	—	792	—
56§	40	—	40	34	—	6	22.0	—	748	—
Georgia										
1924	40	28	54	10	25	19	5.5	.80	55	20
1925	49	42	70	12	33	25	6.5	.40	78	13
1930	56	26	69	10	50	9	5.5	.87	55	44
1935	50	33	76	7	48	11	6.0	1.00	42	48
1940	100	120	160	13	90	57	7.0	.95	91	86
1945	60	37	78	6	43	29	9.0	.95	54	41
1950	78	53	107	26	28	53	11.0	.95	286	27
51	86	55	114	21	30	63	10.5	.90	220	27
52	90	76	128	35	36	56	10.5	.95	378	34
53	100	74	137	45	41	51	12.0	1.00	540	41
55	90	54	117	57	34	26	12.0	1.05	684	36
56§	107	54	134	83	27	24	12.5	.95	1038	26

*Grown with other crops. †Equivalent solid acreage (acreage grown alone with an allowance for acreage grown with other crops). ‡Preliminary. Source of data: Agricultural Marketing Service, U. S. Dept. of Agriculture.

SOYBEAN PRODUCTION—(Continued)

SOYBEANS: Acreage, Yield and Production 1924-56 by States

Year	—Acres Planted—			—Acres Harv.—		Grazed or Plowed Under	Average Yield		Total For Beans Thous.	Prod. For Hay Thous.
	Grown Alone	Inter- planted*	Equivalent Solid†	For Beans‡	For Hay		Per Acre For Beans	Per Acre Harv. For Hay		
	—Thousand Acres—			—Thousand Acres—			Bushels	Tons		
Illinois										
1924	315	---	315	115	200	---	12.0	1.30	1380	260
1925	290	---	290	106	184	---	13.5	1.25	1431	230
1930	720	---	720	410	310	---	17.0	1.20	6970	372
1935	2431	---	2431	1509	849	73	18.5	1.45	27916	1231
1940	3011	---	3011	1995	748	268	17.5	1.25	34912	935
1945	4079	---	4079	3760	279	40	20.0	1.20	75200	335
1950	4108	---	4108	3989	94	25	24.0	1.30	95736	122
51	3841	---	3841	3731	73	38	25.5	1.40	95140	101
52	3840	---	3830	3716	95	19	24.0	1.10	89184	104
53	3983	---	3983	3846	104	33	20.5	1.10	78843	114
54	4262	---	4262	4143	85	34	21.5	1.10	89074	94
55	4390	---	4390	4328	41	21	23.0	1.20	99544	49
56‡	4785	---	4785	4735	25	25	28.5	1.35	134948	34
Indiana										
1924	204	---	204	66	109	29	9.9	1.22	653	133
1925	148	---	148	40	93	15	10.0	1.25	400	116
1930	443	---	443	151	248	44	14.0	1.10	2114	273
1935	850	---	850	410	391	49	17.0	1.45	6970	567
1940	1418	---	1418	723	548	147	13.0	1.00	9399	548
1945	1703	---	1703	1466	208	29	19.5	1.45	28587	302
1950	1765	---	1765	1652	88	25	22.5	1.45	37170	128
51	1800	---	1800	1706	72	22	22.5	1.45	38385	104
52	1782	---	1782	1683	77	22	23.5	1.35	39550	104
53	1889	---	1889	1808	62	19	21.0	1.25	37968	78
54	2002	---	2002	1922	60	20	24.0	1.30	46128	78
55	2102	---	2102	2039	53	10	21.5	1.40	43838	74
56‡	2228	---	2228	2172	34	22	24.0	1.50	52128	51
Iowa										
1924	23	---	23	10	13	---	12.0	1.50	120	20
1925	18	---	18	7	11	---	14.0	1.40	98	15
1930	124	---	124	66	57	1	15.5	1.30	1023	74
1935	1200	---	1200	408	757	35	16.5	1.50	6732	1136
1940	1481	---	1481	709	707	65	20.0	1.70	14180	1202
1945	1973	---	1973	1910	45	18	18.5	1.45	35335	65
1950	1960	---	1960	1930	18	12	22.0	1.60	42460	29
51	1638	---	1638	1583	12	43	20.5	1.40	32452	17
52	1540	---	1540	1526	7	7	25.5	1.75	38913	12
53	1679	---	1679	1657	12	10	21.5	1.50	35626	18
54	2149	---	2149	2119	10	20	26.5	1.40	56154	14
55	2278	---	2278	2261	8	9	20.0	1.40	45220	11
56‡	2597	---	2597	2545	13	39	20.0	1.40	50900	18
Kansas										
1924	11	---	11	2	9	---	11.0	1.30	22	12
1925	12	---	12	4	8	---	10.0	1.30	40	10
1930	27	---	27	7	20	---	7.5	1.10	52	22
1935	38	---	38	7	29	2	6.5	1.10	46	32
1940	78	---	78	26	43	9	12.0	1.55	312	67
1945	258	---	258	235	10	13	10.0	1.20	2350	12
1950	409	---	409	397	4	8	18.0	1.40	7146	6
51	495	---	495	401	5	89	14.5	1.45	5814	7
52	703	---	703	640	35	24	11.5	1.05	7360	37
53	598	---	598	496	48	54	8.0	.90	3968	43
54	425	---	425	306	13	106	8.0	.70	2448	9
55	374	---	374	335	4	35	10.0	1.00	3350	4
56‡	408	---	408	355	6	47	8.5	1.00	3018	6
Kentucky										
1924	40	10	45	5	30	6	9.5	1.10	86	33
1925	50	12	56	8	43	5	8.5	1.10	68	47
1930	110	8	114	9	88	17	7.5	.75	68	66
1935	100	11	106	8	86	12	10.0	1.35	80	116
1940	180	27	194	31	130	33	13.0	1.30	403	169
1945	169	28	183	60	101	22	16.0	1.40	960	141
1950	202	18	211	126	66	19	17.5	1.45	2205	96
51	212	16	220	130	70	20	19.0	1.40	2470	98
52	220	14	227	110	99	18	15.5	1.20	1705	119
53	200	14	207	96	91	20	13.0	1.30	1248	118
54	204	20	214	128	71	15	16.0	1.35	2048	96
55	204	6	207	134	66	7	18.0	1.60	2412	106
56‡	190	---	190	133	51	6	22.5	1.70	2992	87

*Grown with other crops. †Equivalent solid acreage (acreage grown alone with an allowance for acreage grown with other crops). ‡Preliminary. Source of data: Agricultural Marketing Service, U. S. Dept. of Agriculture.

SOYBEAN PRODUCTION—(Continued) **SOYBEANS: Acreage, Yield and Production 1924-54 by States**

Year	—Acres Planted—			—Acres Harv.—	Grazed or Plowed Under	Average Yield		Total Prod.		
	Grown Alone	Inter- planted*	Equivalent Solid†	For Beans†		For Hay	Per Acre For Beans	Harv. For Hay	For Beans Thous.	For Hay Thous.
—Thousand Acres—			—Thousand Acres—		Bushels	Tons	Bushels	Tons		
Louisiana										
1924	10	70	45	8	32	5	8.0	.90	64	29
1925	13	80	53	12	31	10	10.0	1.20	120	37
1930	34	194	131	16	76	39	10.5	1.00	168	76
1935	25	170	110	9	59	42	12.5	1.10	112	65
1940	110	530	375	15	82	278	13.5	1.25	202	102
1945	99	383	291	23	29	239	14.0	1.30	322	38
1950	89	300	239	37	12	190	18.0	1.25	666	15
51	140	290	290	38	12	240	17.5	1.10	665	13
52	130	255	258	41	17	200	14.5	1.05	594	18
53	117	209	221	40	11	170	16.0	1.15	640	13
54	152	245	274	53	9	212	16.0	1.15	848	10
55	137	180	227	88	11	128	22.0	1.10	1936	12
56‡	185	184	277	135	12	130	17.0	1.10	2295	13
Maryland										
1924	33	6	36	5	16	15	11.8	1.40	59	22
1925	32	4	34	6	19	9	12.5	1.45	75	28
1930	33	—	33	5	25	3	6.5	.85	32	21
1935	33	—	33	5	27	1	12.0	1.50	60	40
1940	65	—	65	19	35	11	13.5	1.50	256	52
1945	78	—	78	39	35	4	15.0	1.40	585	49
1950	95	—	95	67	21	7	17.0	1.45	1139	30
51	95	—	95	77	12	6	16.0	1.40	1232	17
52	94	—	94	75	15	4	18.0	1.45	1350	22
53	115	—	115	95	18	2	19.0	1.45	1805	26
54	132	—	132	108	21	3	18.5	1.45	1998	30
55	175	—	175	155	12	8	20.0	1.45	3100	17
56‡	219	—	219	201	6	12	22.0	1.55	4422	9
Michigan										
1924	8	—	8	2	6	—	13.0	1.30	26	8
1925	8	—	8	2	6	—	13.0	1.35	26	8
1930	7	—	7	1	6	—	10.0	.80	10	5
1935	48	—	48	16	32	—	14.5	1.30	232	42
1940	187	—	187	77	67	43	16.5	1.50	1270	100
1945	140	—	140	122	8	10	17.5	1.45	2135	12
1950	122	—	122	114	4	4	20.0	1.30	2280	5
51	128	—	128	120	4	4	20.5	1.70	2460	7
52	105	—	105	92	4	9	19.0	1.40	1748	6
53	118	—	118	110	2	6	19.0	1.40	2090	3
54	165	—	165	158	4	3	22.0	1.40	3476	6
55	145	—	145	138	2	5	22.0	1.50	3036	3
56‡	207	—	207	200	1	6	21.0	1.40	4200	1
Minnesota (Not estimated prior to 1933)										
1933	15	—	15	—	15	—	—	1.30	—	20
1934	117	—	117	2	115	—	15.0	1.10	30	126
1935	91	—	91	6	85	—	14.0	1.40	84	119
1940	251	—	251	53	183	15	15.0	1.85	795	339
1945	528	—	528	464	48	16	14.5	1.50	6728	72
1950	1200	—	1200	1148	38	14	15.5	1.40	17794	53
51	1140	—	1140	1077	13	50	17.5	1.40	18848	18
52	1197	—	1197	1155	6	36	19.0	1.55	21945	9
53	1400	—	1400	1351	7	42	20.5	1.30	27696	9
54	2044	—	2044	2014	8	22	21.0	1.50	42294	12
55	2286	—	2286	2253	7	26	19.5	1.40	43934	10
56‡	2697	—	2697	2627	8	62	20.0	1.40	52540	11
Mississippi										
1924	45	58	80	21	48	11	8.0	1.00	168	48
1925	54	61	91	21	59	11	10.0	1.05	210	62
1930	85	75	130	12	103	15	6.5	1.00	78	103
1935	203	223	337	37	229	71	8.5	1.05	314	240
1940	332	428	546	39	268	239	10.0	1.25	390	335
1945	235	166	318	83	143	92	13.0	1.25	1079	179
1950	504	91	550	358	131	61	25.0	1.35	8950	177
51	600	70	635	425	127	83	13.0	1.20	5525	152
52	618	63	650	455	130	65	13.5	1.05	6142	136
53	494	50	519	250	120	149	12.0	1.05	3000	126
54	716	50	741	519	133	89	10.0	1.00	5190	133
55	717	35	735	626	74	35	19.0	1.40	11894	104
56‡	832	32	848	732	76	40	16.0	1.30	11712	99

*Grown with other crops. †Equivalent solid acreage (acreage grown alone with an allowance for acreage grown with other crops). ‡Preliminary. Source of data: Agricultural Marketing Service, U. S. Dept. of Agriculture.

SOYBEAN PRODUCTION—(Continued)

SOYBEANS: Acreage, Yield and Production 1924-56 by States

Year	Acres Planted			Acres Harv.		Grazed or Plowed Under	Average Per Acre For Beans	Yield Harv. For Hay	Total Prod.	
	Grown Alone	Inter-planted*	Equivalent Solid†	For Beans‡	For Hay				For Beans Thous.	For Hay Thous.
Thousand Acres										
Thousand Acres										
Bushels										
Tons										
Bushels										
Tons										
Missouri										
1924	165	---	165	48	112	5	7.5	1.20	360	134
1925	157	---	157	44	110	3	8.5	1.10	374	121
1930	422	50	447	138	288	21	7.0	.85	966	245
1935	450	20	460	142	300	18	7.5	1.10	1065	330
1940	564	80	604	109	401	94	13.0	1.40	1417	561
1945	844	65	876	720	89	67	13.0	1.20	9360	107
1950	1225	48	1249	1209	25	15	23.0	1.35	27807	34
51	1396	44	1418	1290	28	100	20.0	1.35	25800	38
52	1801	46	1824	1724	55	45	19.0	1.20	32756	66
53	2071	40	2091	1932	99	60	14.0	1.00	27048	99
54	1967	40	1987	1836	45	106	15.0	1.05	27540	47
55	1947	10	1952	1900	26	26	17.5	1.10	33250	29
56‡	2005	6	2008	1956	26	26	20.0	1.20	39120	21
Nebraska (Not estimated prior to 1929)										
1929	2	---	2	---	2	---	---	1.40	---	3
1930	3	---	3	---	3	---	---	1.20	---	4
1935	9	---	9	---	9	---	---	.95	---	9
1940	20	---	20	4	13	3	14.0	1.20	56	16
1945	20	---	20	17	2	1	18.0	1.25	306	2
1950	50	---	50	50	---	---	24.0	---	1200	---
51	60	---	60	58	---	2	22.0	---	1276	---
52	90	---	90	88	---	2	26.0	---	2288	---
53	108	---	108	105	---	3	18.5	---	1942	---
54	194	---	194	190	---	4	22.0	---	4180	---
55	196	---	196	180	---	16	10.5	---	1890	---
56‡	171	---	171	152	---	19	11.5	---	1748	---
New Jersey										
1924	1	---	1	---	1	---	---	1.35	---	1
1925	1	---	1	---	1	---	---	1.35	---	1
1930	3	---	3	---	3	---	---	1.25	---	4
1935	9	---	9	---	8	1	---	1.45	---	12
1940	31	---	31	5	16	10	14.5	1.50	72	24
1945	36	---	36	11	18	7	20.0	1.55	220	28
1950	37	---	37	20	5	12	20.5	1.70	410	8
51	39	---	39	21	9	9	16.5	1.65	346	15
52	36	---	36	25	6	5	20.5	1.95	512	12
53	41	---	41	36	1	4	18.0	1.90	648	2
54	42	---	42	31	3	8	21.0	1.70	651	5
55	43	---	43	36	2	5	19.0	1.50	684	3
56‡	51	---	51	45	2	4	24.0	1.80	1080	4
New York										
1924	4	---	4	---	4	---	---	1.60	---	6
1925	4	---	4	---	4	---	---	1.75	---	7
1930	3	---	3	---	3	---	---	1.60	---	5
1935	6	---	6	2	3	1	14.0	1.70	28	5
1940	21	---	21	14	5	2	13.0	1.65	182	8
1945	8	---	8	4	2	2	14.0	1.65	56	3
1950	9	---	9	7	---	2	18.0	---	126	---
51	9	---	9	7	---	2	18.0	---	126	---
52	7	---	7	5	---	2	17.5	---	88	---
53	8	---	8	6	---	2	16.0	---	96	---
54	11	---	11	9	---	2	11.0	---	99	---
55	7	---	7	5	---	2	16.0	---	80	---
56‡	9	---	9	8	---	1	14.0	---	112	---
North Carolina										
1924	120	90	165	75	70	20	15.5	.90	1162	63
1925	140	110	195	80	80	35	14.5	.70	1160	56
1930	230	220	340	128	150	62	10.5	.85	1344	128
1935	220	280	360	115	165	80	12.5	.95	1438	157
1940	360	450	585	190	180	215	12.0	1.10	2280	198
1945	368	299	518	216	191	111	12.5	1.15	2700	220
1950	410	206	513	297	122	94	16.0	1.10	4752	148
51	445	184	537	309	123	105	16.5	1.20	5098	148
52	432	153	508	287	127	94	16.5	1.05	4736	133
53	397	138	466	263	136	67	15.5	1.00	4076	136
54	441	145	513	295	131	87	16.0	1.05	4720	138
55	430	76	468	327	76	65	15.5	1.10	5068	84
56‡	494	66	527	416	58	53	21.5	1.15	8944	67

*Grown with other crops. †Equivalent solid acreage (acreage grown alone with an allowance for acreage grown with other crops). ‡Preliminary. Source of data: Agricultural Marketing Service, U. S. Dept. of Agriculture.

SOYBEAN PRODUCTION—(Continued)

SOYBEANS: Acreage, Yield and Production 1924-56 by States

Year	Acres Planted			Acres Harv.		Grazed or Plowed Under	Average Per Acre Yield For Beans	Yield For Hay	Total Prod.	
	Grown Alone	Inter- planted*	Solid†	For Beans†	For Hay				For Beans Thous.	For Hay Thous.
	Thousand Acres			Thousand Acres			Bushels	Tons	Bushels	Tons
				North Dakota	(Not	Estimated	Prior to 1942)			
1942	7	---	7	4	2	1	10.0	1.30	40	3
1945	7	---	7	5	1	1	11.5	1.25	58	1
1950	44	---	44	41	2	1	10.5	1.20	430	2
51	31	---	31	28	2	1	13.0	1.25	364	2
52	31	---	31	29	1	1	12.5	1.20	362	1
53	23	---	23	23	---	---	14.0	---	322	---
54	51	---	51	50	---	---	15.0	---	750	---
55	90	---	90	88	---	2	15.5	---	1364	---
56§	180	---	180	173	---	7	12.5	---	2162	---
Ohio										
1924	66	---	66	20	44	2	11.5	1.20	230	53
1925	57	---	57	17	38	2	14.0	1.30	238	49
1930	112	---	112	31	77	4	14.0	.90	434	69
1935	355	---	355	124	220	11	21.0	1.65	2604	363
1940	1020	---	1020	561	347	112	16.0	1.30	8976	451
1945	1184	---	1184	1077	83	24	18.0	1.45	19386	120
1950	1136	---	1136	1090	29	17	22.5	1.50	24525	44
51	1159	---	1159	1124	18	17	19.0	1.35	21356	24
52	985	---	985	940	26	19	22.0	1.45	20680	38
53	1064	---	1064	1036	18	10	20.5	1.45	21238	26
54	1192	---	1192	1165	13	14	25.5	1.55	29708	20
55	1217	---	1217	1193	14	10	24.5	1.55	29228	22
56§	1339	---	1339	1301	13	25	24.0	1.60	31224	21
Oklahoma										
1924	7	1	8	3	4	1	6.5	1.15	20	5
1925	9	1	10	3	6	1	12.0	1.25	36	8
1930	25	3	26	8	17	1	6.5	.75	52	13
1935	7	1	8	1	6	1	9.0	.85	9	5
1940	18	3	20	2	8	10	7.5	1.00	15	8
1945	16	2	17	7	5	5	7.5	1.20	52	6
1950	35	35	23	8	4	4	17.0	1.10	391	9
51	130	---	130	84	26	20	13.5	1.15	1134	30
52	162	---	162	88	40	34	10.0	.90	880	36
53	73	---	73	48	15	10	10.0	.95	480	14
54	58	---	58	32	10	16	6.0	.65	192	6
55	53	---	53	40	5	8	11.5	.95	460	5
56§	54	---	54	25	10	19	8.0	.70	200	7
Pennsylvania										
1924	7	---	7	---	7	---	---	1.45	---	10
1925	6	---	6	---	6	---	---	1.55	---	9
1930	11	---	11	---	10	1	---	1.10	---	11
1935	31	---	31	2	26	3	16.5	1.70	33	44
1940	82	---	82	14	34	14	16.0	1.50	224	81
1945	73	---	73	28	33	12	15.5	1.60	434	53
1950	48	---	48	24	19	5	17.5	1.65	420	31
51	43	---	43	22	17	4	17.0	1.65	374	28
52	37	---	37	19	15	3	19.0	1.65	361	25
53	37	---	37	19	13	5	17.0	1.60	323	21
54	37	---	37	17	13	7	18.0	1.65	306	21
55	55	---	55	22	16	17	20.0	1.60	440	26
56§	55	---	55	21	14	20	18.5	1.55	388	22
South Carolina										
1924	9	28	23	7	9	7	7.0	.70	49	6
1925	18	40	38	8	21	9	5.5	.30	44	6
1930	20	30	45	9	23	13	6.5	.80	38	18
1935	16	39	36	5	16	15	7.0	.95	35	15
1940	32	94	79	11	29	39	6.5	.85	72	25
1945	28	65	60	10	15	35	7.0	.95	70	14
1950	94	104	146	62	23	61	12.0	1.00	744	23
51	114	102	165	83	21	61	12.5	1.00	1038	21
52	132	106	185	98	33	54	11.5	.95	1127	31
53	150	100	200	130	28	42	11.0	.95	1430	27
54	176	120	236	130	27	79	7.0	.65	910	18
55	222	77	260	189	36	35	15.0	1.10	2835	40
56§	280	80	320	268	20	32	11.0	1.05	2948	21

*Grown with other crops. †Equivalent solid acreage (acreage grown alone with an allowance for acreage grown with other crops). §Preliminary. Source of data: Agricultural Marketing Service, U. S. Dept. of Agriculture.

SOYBEAN PRODUCTION—(Continued)

SOYBEANS: Acreage, Yield and Production 1924-56 by States

Year	—Grown Alone	—Acres Planted Inter- Equivalent Solid†	—Acres For Beans‡	—Harv. For Hay	—Grazed or Plowed Under	Average Per Acre For Beans	Yield For Hay	Total For Beans Thous.	Prod. For Hay Thous.
	—Thousand Acres—	—Thousand Acres—				Bushels	Tons	Bushels	Tons
South Dakota (Not Estimated Prior to 1939)									
1939	2	2	—	2	—	—	1.10	—	2
1940	4	4	1	2	1	12.0	1.20	12	2
1945	15	15	13	1	1	14.0	1.35	182	1
1950	72	72	70	1	1	12.5	1.10	875	1
51	63	63	60	1	2	14.5	1.20	870	1
52	89	89	85	—	4	15.0	—	1275	—
53	90	90	87	—	3	19.0	—	1653	—
54	180	180	173	—	7	18.0	—	3114	—
55	249	249	243	—	6	11.5	—	2794	—
56§	237	237	224	—	13	11.5	—	2576	—
Tennessee									
1924	160	50	185	10	153	8.5	1.08	85	165
1925	150	40	170	8	142	20	7.5	60	106
1930	190	64	222	20	172	30	7.5	72	124
1935	128	90	173	18	108	47	6.5	1.00	117
1940	167	298	316	19	122	175	8.5	1.30	162
1945	216	181	306	66	110	130	14.5	1.25	957
1950	248	163	330	168	70	92	21.0	1.30	3528
51	310	142	381	183	99	99	17.5	1.20	3202
52	235	118	385	181	142	62	20.0	1.00	3620
53	258	100	308	150	95	63	13.5	1.30	2925
54	307	120	367	190	112	65	13.5	.90	2565
55	335	57	363	250	84	29	18.0	1.40	4500
56§	308	54	335	240	60	35	16.5	1.35	3960
Texas (Not Estimated Prior to 1934)									
1934	7	3	8	2	5	1	8.5	.45	17
1935	12	5	14	2	10	2	10.0	.65	20
1940	21	4	23	3	14	6	9.5	.90	28
1945	9	—	9	—	3	6	—	.85	3
1950	10	—	10	—	2	8	—	.75	2
51	3	—	3	—	1	2	—	.70	1
52	5	—	5	—	1	4	—	.80	1
53	5	—	5	—	1	4	—	.90	1
54	8	—	8	4	1	3	13.5	.80	54
55	5	—	5	2	1	2	13.0	1.00	26
56§	27	—	27	20	3	4	20.0	1.30	400
Virginia									
1924	88	24	100	15	74	11	13.0	1.00	195
1925	106	28	120	16	92	12	11.0	.95	176
1930	120	31	136	17	79	40	7.0	.70	119
1935	96	38	115	25	76	14	14.0	1.20	350
1940	178	105	180	49	93	38	15.5	1.35	760
1945	149	82	190	79	48	63	16.0	1.35	1264
1950	202	54	229	152	25	52	19.0	1.35	2888
51	220	56	248	166	34	48	18.0	1.30	2988
52	224	58	253	174	33	46	17.0	1.30	2958
53	211	58	240	167	52	41	16.0	1.10	2672
54	249	58	278	187	53	38	15.5	1.00	2898
55	238	42	259	201	21	37	20.0	1.25	4020
56§	293	42	314	271	13	30	21.5	1.40	5826
West Virginia									
1924	36	—	36	1	35	—	14.0	1.45	14
1925	32	—	32	1	31	—	13.0	1.40	13
1930	29	—	29	2	27	—	7.5	.75	15
1935	51	—	51	1	48	2	10.5	1.60	10
1940	63	—	63	1	55	7	13.0	1.50	13
1945	30	—	30	1	25	4	13.5	1.50	14
1950	13	—	13	1	10	2	15.0	1.60	15
51	9	—	9	1	8	2	14.5	1.60	14
52	9	—	9	—	7	1	15.0	1.60	15
53	10	—	10	—	8	2	—	1.50	10
54	8	—	8	—	6	2	—	1.75	14
55	—	—	—	—	—	—	—	1.50	9
56§	8	—	8	—	6	2	—	1.75	10

*Grown with other crops. †Equivalent solid acreage (acreage grown alone with an allowance for acreage grown with other crops). §Preliminary. Source of data: Agricultural Marketing Service, U. S. Dept. of Agriculture.

SOYBEAN PRODUCTION—(Continued)

SOYBEANS: Acreage, Yield and Production 1924-56 by States

Year	Acres Planted			Acres Harv.		Grazed or Plowed Under	Average Yield		Total Prod.	
	Grown Alone	Inter- planted*	Equivalent Solid†	For Beans‡	For Hay		Per Acre For Beans	Per Acre Harv. For Hay	For Beans Thous.	For Hay Thous.
	Thousand Acres			Thousand Acres			Bushels	Tons	Bushels	Tons
Wisconsin										
1924	38	---	38	3	35	---	9.0	1.40	27	49
1925	20	---	20	2	18	---	9.0	1.55	18	28
1930	14	---	14	2	12	---	11.5	1.20	23	14
1935	181	---	181	2	179	---	13.0	1.70	26	304
1940	215	---	215	25	162	28	17.5	2.00	438	324
1945	93	---	93	39	46	8	13.0	1.80	507	83
1950	85	---	85	33	45	7	14.0	1.65	462	74
51	63	---	63	44	13	6	14.5	1.70	638	22
52	61	---	61	48	9	4	17.0	1.95	816	18
53	70	---	70	56	10	4	14.5	1.65	812	16
54	87	---	87	69	12	6	15.0	1.60	1035	19
55	90	---	90	78	7	5	12.5	1.45	975	10
56‡	96	---	96	85	6	5	15.5	1.95	1318	12

*Grown with other crops. †Equivalent solid acreage (acreage grown alone with an allowance for acreage grown with other crops). ‡Preliminary. Source of data: Agricultural Marketing Service, U. S. Dept. of Agriculture.

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SOYBEANS - SUPPLY AND DISTRIBUTION

1949-50 to date, in Thousand Bushels

Quarter or Period	SUPPLY					DISTRIBUTION							
	Stocks at beginning of period 1/					Total	Production	Total Supply	Used for Seed	Net Exports 3/	Crushed at Mills	Feed & Residual 4/	Total disappear- ance
Farms	Interior Mills & Elevators	Crushing Plants	Terminal Markets	CCC 2/	Total Supply								
1953-54													
Oct.-Dec.	1,972	296	611	711	---	3,589	298,839	302,428	---	13,918	65,901	-3,839	75,980
Jan.-Mar.	83,819	48,346	79,852	13,394	1,017	226,448	7,426	226,448	---	7,426	60,665	11,206	79,297
Apr.-June	59,749	27,926	49,613	9,048	815	147,151	6,349	147,151	20,539	57,163	57,163	784	84,835
July-Sept.	20,417	11,393	26,905	3,245	356	62,316	62,316	62,316	---	4,213	50,675	-2,706	52,182
SEASON	---	---	---	---	---	3,589	298,839	302,428	20,539	31,906	214,404	5,445	292,294
1954-55													
Oct.-Dec.	5,752	2,021	1,023	1,698	240	10,114	269,169	279,303	---	23,614	62,326	3,095	89,035
Jan.-Mar.	81,580	36,675	58,531	13,196	286	190,268	190,268	190,268	---	7,858	58,903	5,500	72,261
Apr.-June	37,351	16,862	52,297	11,461	36	118,007	118,007	118,007	23,368	5,793	50,632	2,600	82,393
July-Sept.	3,645	3,454	24,598	3,917	---	35,614	35,614	35,614	---	2,379	41,297	-9,407	34,269
SEASON	---	---	---	---	---	10,114	269,169	279,303	23,368	39,644	213,158	11,788	277,958
1954-55													
Oct.-Dec.	538	113	81	613	---	1,345	341,075	342,420	---	27,500	65,114	-9,490	83,124
Jan.-Mar.	148,345	57,804	44,613	8,534	---	259,296	259,296	259,296	---	12,325	60,785	10,837	83,947
Apr.-June	113,263	40,623	17,549	3,914	---	175,349	175,349	175,349	24,199	8,883	63,161	12,646	108,889
July-Sept.	32,755	18,963	10,775	2,385	1,582	66,460	66,460	66,460	---	11,910	59,990	-15,349	56,511
SEASON	---	---	---	---	---	1,345	341,075	342,420	24,199	60,618	249,010	-1,356	322,471
1955-56													
Oct.-Dec.	3,931	1,757	217	2,628	1,416	9,949	373,522	383,471	---	34,723	74,651	-674	108,700
Jan.-Mar.	116,602	55,394	81,784	20,988	3	274,771	274,771	274,771	---	11,322	74,338	12,239	97,899
Apr.-June	60,334	26,979	67,366	22,193	---	176,872	176,872	176,872	26,948	13,139	72,089	421	112,597
July-Sept.	7,203	9,383	36,651	11,038	---	64,275	64,275	64,275	---	7,984	62,048	-9,488	60,544
SEASON	---	---	---	---	---	9,949	373,522	383,471	26,948	67,168	283,126	2,498	379,740
1956-57													
Oct.-Dec.	1,995	1,076	291	369	---	3,731	455,869	459,600	---	5,362,735	81,506	11,101	129,342
Jan.-Mar.	168,949	74,405	70,354	16,550	---	330,258	330,258	330,258	---	---	---	---	---

1/ October 1 stocks in all positions include only old crop soybeans. 2/ Owned by Commodity Credit Corporation in transit to ports. 3/ Imports negligible. 4/ Mostly quantity fed, but includes waste, loss, and destruction in transit. 5/ Partially estimated. Stocks, production and quantity used for seed estimated by crop reporting board; exports and quantity crushed from Bureau of the Census. U. S. Dept. of Agriculture, Agricultural Marketing Service.

SOYBEAN OIL MEAL PRODUCTION

SOYBEAN OIL MEAL AND CAKE: SUPPLY AND UTILIZATION IN THE U. S. 1924-56

Year Beginning October 1	Stocks (Oct. 1)	Supply			Utilization		
		Domestic Production	Imports	Total Supply	Exports	1,000 Tons Food, Industry and other Non-feed*	Feed
1924-25		7.6	18.3	25.9			25.9
1925-26		8.6	19.8	28.4			28.4
1926-27		8.3	23.9	32.2			32.2
1927-28		13.7	47.7	61.4			61.4
1928-29		21.5	69.5	91.0			91.0
1929-30		40.7	73.5	114.2			114.2
1930-31		98.6	24.0	122.6			122.6
1931-32		114.7	18.6	133.3			133.3
1932-33		84.3	28.3	112.6			112.6
1933-34		71.9	25.0	96.9			96.9
1934-35		220.4	64.2	284.6		18.0	266.6
1935-36		613.1	20.0	633.1		19.0	614.1
1936-37		495.8	55.7	551.5		20.0	531.5
1937-38		724.1	15.5	739.6		21.0	718.6
1938-39		1,064.4	12.3	1,076.7	35.0	22.0	1,019.7
1939-40		1,348.8	12.1	1,360.9	62.3	23.0	1,275.6
1940-41		1,543.4	8.1	1,551.5	25.4	35.0	1,491.1
1941-42		1,844.9	0	1,844.9	19.7	40.1	1,785.1
1942-43		3,200.3	0	3,200.3	20.9	105.5	3,073.9
1943-44		3,446.0	0	3,446.0	16.1	107.1	3,322.8
1944-45		3,698.5	0	3,698.5	10.0	61.4	3,627.1
1945-46		3,837.3	---	3,837.3	9	181.4	3,655.0
1946-47		4,086.4	0	4,086.4	141.7	199.3	3,745.4
1947-48		3,832.7	0	3,832.7	95.7	353.8	3,383.2
1948-49		4,330.5	3.2	4,333.7	150.6	44.0	4,139.1
1949-50	13.3	4,583.6	26.1	4,625.0	47.4	25.0	4,517.4
1950-51	35.2	5,896.8	32.8	5,964.8	181.1	30.0	5,718.2
1951-52	35.5	5,703.7	24.1	5,763.3	41.8	30.0	5,640.0
1952-53	51.5	5,551.3	41.1	5,643.9	46.8	30.0	5,513.0
1953-54	56.8	5,050.6	15.6	5,123.0	66.5	30.0	4,964.9
1954-55	61.6	5,704.8	---	5,706.4	271.7	30.0	5,427.5
1955-56	37.2	6,545.8	---	6,583.0	400.1	30.0	6,041.6
1956-57**	111.3						

* Estimated. ** Preliminary. Source of data: Agricultural Marketing Service, U. S. Department of Agriculture.

PRODUCTION OF SOYBEAN OIL MEAL BY MONTHS AND CROP YEARS, 1947-56

	1947-48	1948-49	1949-50	1950-51	1951-52	1952-53	1953-54	1954-55	1955-56*
				(1,000 tons)					
October	273.3	328.5	414.5	453.3	500.4	539.5	505.1	499.6	580.0
November	352.0	383.0	406.4	536.1	536.5	518.6	481.6	507.3	583.6
December	365.2	395.3	407.2	576.0	542.3	506.7	494.3	484.6	548.7
January	393.8	398.7	402.8	590.4	563.8	506.5	492.7	491.3	567.0
February	355.7	367.8	364.8	529.3	525.0	442.7	438.4	450.5	563.2
March	350.9	403.9	422.9	580.9	494.7	485.5	456.7	444.3	584.4
April	337.3	376.8	403.5	512.3	467.2	456.1	420.7	456.2	583.6
May	313.3	364.2	394.2	499.9	457.9	488.6	416.3	480.0	570.2
June	299.3	355.9	323.3	418.2	435.1	404.2	364.5	509.4	517.3
July	296.8	357.6	364.0	413.4	410.8	387.6	368.1	493.5	475.3
August	253.5	318.9	363.7	441.9	418.6	445.0	354.5	458.6	513.0
September	240.8	279.9	318.3	345.0	351.4	370.3	257.7	429.5	459.5
TOTAL	3,832.7	4,330.5	4,585.6	5,896.8	5,703.7	5,551.3	5,050.6	5,704.8	6,545.8

* Preliminary. Source of data: Agricultural Marketing Service, U. S. Department of Agriculture.

SOYBEAN OIL MEAL PRODUCTION—(Continued)

SOYBEAN CAKE AND MEAL: Production, Stocks, Foreign Trade and Domestic Disappearance
1949-56

Item	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Total
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1949-50													
Stocks 1/	13.3	35.9	42.5	47.4	62.4	70.7	77.7	86.8	83.6	66.0	50.0	49.2	
Production	414.5	406.4	407.2	402.8	364.8	422.9	403.5	394.2	323.3	364.0	363.7	318.3	4,585.6
Imports	.1	.2	1.3	2.5	1.4	.7	.7	1.0	1.6	5.9	5.5	5.2	26.1
Exports	3.1	3.3	2.3	11.0	1.5	2.0	12.1	2.5	2.9	.8	1.9	4.0	47.4
Disappearance 2/	388.9	396.7	401.3	379.3	356.4	414.6	383.0	395.9	339.6	385.1	368.1	333.5	4,542.4
1950-51													
Stocks 1/	35.2	41.2	54.6	72.4	92.7	104.4	141.2	172.3	180.0	148.8	108.7	68.5	
Production	453.3	536.1	576.0	590.4	529.3	580.9	512.3	499.9	418.3	413.4	441.9	345.0	5,896.8
Imports	2.3	3.4	4.3	3.8	4.0	4.2	3.2	2.0	3.0	1.6	.7	.3	32.8
Exports	2.9	3.3	2.2	4.8	32.6	83.7	22.3	3.8	11.8	3.3	5.8	4.6	181.1
Disappearance 2/	446.7	522.8	560.3	569.1	489.0	464.6	462.1	490.4	440.7	451.8	477.0	373.7	5,748.2
1951-52													
Stocks 1/	35.5	27.1	30.5	34.1	32.7	46.7	54.0	57.0	59.0	57.8	71.3	63.7	
Production	500.4	536.5	542.3	563.8	525.0	494.7	467.2	457.9	435.1	410.8	418.6	351.4	5,703.7
Imports	1.1	.5	.8	1.9	.9	1.2	1.0	2.7	2.6	2.9	4.1	4.4	24.1
Exports	3.3	9.3	10.5	3.5	3.8	3.9	1.9	1.6	1.6	.7	1.2	.5	41.8
Disappearance 2/	506.6	524.3	529.0	563.6	508.1	484.7	463.3	457.0	437.3	399.5	429.1	367.5	5,670.0
1952-53													
Stocks 1/	51.5	60.5	78.1	89.2	109.2	139.4	154.2	167.3	172.8	168.7	118.4	102.3	
Production	539.5	518.6	506.7	506.5	442.7	485.5	456.1	488.6	404.2	387.6	445.0	370.3	5,551.3
Imports	5.3	7.2	8.1	4.5	4.2	5.8	3.6	1.2	.8	.2	.1	.1	41.1
Exports	1.5	2.0	1.6	2.0	1.9	1.5	2.7	6.4	2.8	4.3	9.8	10.3	46.8
Disappearance 2/	534.3	506.2	502.1	489.0	414.8	475.0	443.9	477.9	406.3	433.8	451.4	405.6	5,540.3
1953-54													
Stocks	56.8	56.8	78.1	104.8	128.6	162.5	170.7	182.2	177.4	166.9	175.2	150.7	
Production	505.1	481.6	494.3	492.7	438.4	456.7	420.7	416.3	364.5	368.1	354.5	237.7	5,050.6
Imports	3/	.0	.1	.8	3.9	1.0	.9	1.9	3.7	1.4	1.1	.8	15.6
Exports	9.3	14.1	12.1	4.0	5.1	5.1	3.6	3.8	2.4	1.4	2.1	3.5	66.5
Disappearance	495.8	446.2	455.6	465.7	403.3	444.4	406.5	419.2	376.3	359.8	378.0	344.1	4,994.9
1954-55													
Stocks	61.6	58.3	47.9	47.1	59.5	91.0	100.4	113.4	100.8	99.4	98.3	69.2	
Production	499.6	507.3	484.6	491.3	450.5	444.3	456.2	480.0	509.4	493.5	458.6	429.5	5,704.8
Imports	33.0	51.2	25.6	27.4	9.7	13.3	6.9	7.7	15.7	30.3	23.0	27.9	271.7
Exports	---	---	---	---	---	---	---	---	---	---	---	---	---
Disappearance	469.9	466.5	459.8	451.5	409.3	421.6	436.3	484.9	495.1	464.3	464.7	433.6	5,457.5
1955-56													
Stocks	37.2	49.0	59.8	66.4	99.9	137.5	178.0	201.5	212.8	217.9	182.7	145.8	
Production	580.0	583.6	548.7	567.0	563.2	584.4	583.6	570.2	517.3	475.3	513.0	459.5	6,545.8
Imports	---	---	---	---	---	---	---	---	---	---	---	---	---
Exports	31.4	45.3	64.8	35.6	42.0	28.9	29.8	22.5	19.6	19.8	28.9	31.5	400.1
Disappearance	536.8	527.5	477.3	497.9	483.6	515.0	530.3	536.4	492.6	490.7	521.0	462.5	6,071.6

1/ Stocks at crushers' plants. 2/ Domestic disappearance, based on production, imports, exports, and change in crushers' stocks. 3/ Less than 50 tons. Compiled from reports of the Bureau of the Census and the Agricultural Marketing Service.

Additional copies of the Soybean Blue Book may be purchased from the American Soybean Association, Hudson, Iowa, by members for \$1.

SOYBEAN OIL, MEAL AND CAKE PRODUCTION AND STOCKS BY STATES

CRUDE SOYBEAN OIL AND SOYBEAN CAKE AND MEAL, Production and Stocks by States,
1952-1955

States	CRUDE SOYBEAN OIL (1,000 pounds)				SOYBEAN CAKE AND MEAL (Tons of 2,000 pounds)			
	1955	1954	1953	1952	1955	1954	1953	1952
UNITED STATES								
Production	2,826,710	2,377,885	2,514,829	2,478,046	5,925,728	5,060,969	5,467,624	5,689,188
Stocks, end of year ..	57,996	24,377	36,463	36,178	66,389	47,104	104,835	89,231
Arkansas								
Production	(1)	7,811	22,434	(1)	(1)	20,859	56,289	(1)
Stocks, end of year ..	-----	(1)	(1)	743	-----	6,586	1,290	6,217
Illinois								
Production	1,183,674	970,590	1,025,277	996,532	2,319,351	1,919,282	2,068,885	2,112,046
Stocks, end of year ..	17,774	9,180	12,802	12,480	20,140	15,906	51,524	28,492
Indiana								
Production	295,065	279,961	297,981	261,069	630,159	611,337	651,960	591,546
Stocks, end of year ..	7,342	2,225	6,433	3,467	5,978	2,874	(1)	(1)
Iowa								
Production	488,580	430,458	430,378	392,058	1,072,743	954,601	986,573	966,184
Stocks, end of year ..	9,534	4,655	5,372	4,986	14,873	6,768	7,413	6,603
Kansas								
Production	(1)	24,857	42,144	(1)	(1)	57,337	98,766	(1)
Stocks, end of year ..	(1)	(1)	701	551	(1)	(1)	(1)	1,162
Kentucky								
Production	(2) 44,361	61,690	59,430	66,707	(2) 94,251	131,574	126,472	139,712
Stocks, end of year ..	505	266	328	(1)	496	882	(1)	(1)
Minnesota								
Production	174,781	146,788	120,710	97,894	388,711	335,013	284,802	257,569
Stocks, end of year ..	5,019	2,392	2,518	1,930	2,476	3,193	3,936	2,699
Mississippi								
Production	(1)	20,015	22,144	29,455	(1)	45,469	49,015	70,934
Stocks, end of year ..	-----	398	(1)	797	-----	838	468	1,383
Missouri								
Production	(2) 73,759	95,335	74,114	71,732	(2) 159,326	208,468	169,203	180,903
Stocks, end of year ..	1,549	910	1,569	959	2,997	1,280	1,202	1,993
Nebraska								
Production	(1)	(1)	18,025	(1)	(1)	(1)	47,918	(1)
Stocks, end of year ..	(1)	(1)	535	535	(1)	(1)	(1)	(1)
North Carolina								
Production	(2) 1,010	(1)	10,971	18,800	(2) 2,522	(1)	32,127	53,610
Stocks, end of year ..	(1)	(1)	303	407	1,795	784	4,355	2,480
Ohio								
Production	274,087	249,393	282,801	289,594	607,790	562,184	631,402	665,650
Stocks, end of year ..	4,072	2,961	3,789	6,168	3,043	3,345	3,186	5,274
Oklahoma								
Production	(1)	-----	6,401	(1)	(1)	-----	17,593	(1)
Stocks, end of year ..	-----	-----	(1)	353	-----	-----	(1)	4,989
Texas								
Production	-----	-----	-----	196	-----	-----	-----	538
Stocks, end of year ..	-----	-----	-----	-----	-----	-----	-----	-----
All other states								
Production	291,393	90,987	102,019	254,205	650,875	214,845	246,619	650,496
Stocks, end of year ..	12,201	1,390	2,113	2,802	14,593	4,648	31,461	27,939

(1) Included in "All other states" to avoid disclosure of figures for individual companies. (2) Less than 12 months reported. From Bureau of Census.

OILSEED CAKE AND MEALS: SUPPLY AND DISTRIBUTION

Oilseed Cakes and Meals: Supply and Distribution, United States, Year Beginning October 1949-56
(1,000 Tons)

Oilseed Cake and meal	SUPPLY				DISTRIBUTION			
	Stocks (Oct. 1) 1/	Production	Imports	Total	Feed	Other uses 2/	Exports (Sept. 30) 1/	Stocks (Sept. 30) 1/
1949-50								
Soybean	13	4,586	26	4,625	4,518	25	47	35
Cottonseed	98	2,497	105	2,700	2,382	40	124	134
Linseed	39	689	5	733	670	--	7	56
Peanut	1	139	6	146	94	--	49	3
Copra	7	154	57	218	204	--	0	14
TOTAL	158	8,065	199	8,422	7,868	65	227	262
1950-51								
Soybean	35	5,897	33	5,965	5,718	30	181	36
Cottonseed	154	1,723	91	1,968	1,854	30	13	71
Linseed	56	730	1	787	732	--	29	26
Peanut	3	151	1	155	130	--	24	1
Copra	14	149	66	229	226	--	1	2
TOTAL	262	8,650	192	9,104	8,660	60	248	136
1951-52								
Soybean	36	5,704	24	5,764	5,640	30	42	52
Cottonseed	71	2,524	202	2,797	2,650	30	35	82
Linseed	26	495	23	544	520	--	7	17
Peanut	1	95	5	101	99	--	2	•
Copra	2	122	104	228	221	--	•	7
TOTAL	136	8,940	358	9,434	9,130	60	86	158
1952-53								
Soybean	52	5,551	41	5,644	5,510	30	47	57
Cottonseed	82	2,673	136	2,891	2,664	30	55	3/142
Linseed	17	458	26	501	478	--	•	23
Peanut	•	42	4	46	44	--	•	2
Copra	7	116	97	220	214	--	0	6
TOTAL	158	8,840	304	9,302	8,910	60	102	3/230
1953-54								
Soybean	57	5,051	16	5,124	4,965	30	67	62
Cottonseed	142	3,019	70	3,231	2,930	30	66	205
Linseed	23	577	1	601	526	--	35	40
Peanut	2	63	1	66	63	--	2	1
Copra	6	116	80	202	196	--	0	6
TOTAL	230	8,826	168	9,224	8,680	60	170	314
1954-55								
Soybean	62	5,705	0	5,767	5,428	30	272	37
Cottonseed	205	2,515	32	2,752	2,404	30	168	150
Linseed	40	545	0	585	488	--	75	22
Peanut	1	19	0	20	17	--	2	1
Copra	6	117	63	186	182	--	0	4
TOTAL	314	8,901	95	9,310	8,519	60	517	214
1955-56 3/								
Soybean	37	6,546	0	6,583	6,042	30	400	111
Cottonseed	150	2,628	59	2,837	2,511	30	155	141
Linseed	22	582	0	604	439	--	153	12
Peanut	1	57	0	58	38	--	18	2
Copra	4	112	45	161	160	--	0	1
TOTAL	214	9,925	104	10,243	9,190	60	726	267

1/ Stocks at processors' plants. 2/ Estimated quantities of soybean meal used for industrial purposes and cottonseed meal used for fertilizer on farms of cotton growers. 3/ Preliminary *Less than 500 tons. USDA Agricultural Marketing Service.

PRODUCTION OF PROTEIN CONCENTRATES

PRODUCTION OF SPECIFIED PROTEIN CONCENTRATES IN THE UNITED STATES,
YEAR BEGINNING OCTOBER 1, 1937-41 AVERAGE AND 1947-56

Protein Concentrate	Average 1937-41	1947-48	1948-49	1949-50	1950-51	1951-52	1952-53	1953-54	1954-55	1955-56*
	Thousands of tons									
Soybean cake and meal	1,305	3,833	4,330	4,586	5,897	5,704	5,551	5,051	5,705	6,546
Linseed cake and meal	616	625	687	689	730	495	458	577	545	582
Cottonseed cake and meal	2,057	2,016	2,416	2,497	1,723	2,524	2,681	3,014	2,515	2,628
Peanut cake and meal	67	123	117	138	151	94	42	63	19	57
Copra cake and meal	76	170	128	154	149	122	116	116	117	112
Gluten feed and meal	690	799	848	926	966	897	942	929	1,005	1,029
Tankage and meat scraps	656	790	817	813	858	912	1,013	1,060	1,060	1,140§
Fish cake and meal	194	188	189	218	214	197	221	230	294	338
Dried milk products**	142	90	110	115	100	110	115	370	145	120
Other milk products†	1,829	1,260	1,280	1,300	1,270	1,225	1,250	1,235	1,235	1,225
TOTAL	7,632	9,894	10,922	11,436	12,058	12,280	12,389	12,645	12,640	13,777

*Preliminary. **Dried and concentrated skim milk, buttermilk, and whey manufactured for animal feed. †Dry equivalent of skim milk, buttermilk, whey, and whole milk estimated fed on farms. Source of data: Agricultural Marketing Service, U. S. Department of Agriculture. §Partly estimated.

PROTEIN CONCENTRATES: ESTIMATED USE FOR FEED IN THE UNITED STATES, YEAR BEGINNING OCTOBER 1, 1937-41 AVERAGE AND 1947-56*

Protein Concentrate	Average 1937-41	1947-48	1948-49	1949-50	1950-51	1951-52	1952-53	1953-54	1954-55	1955-56**
	Thousands of tons									
Soybean cake and meal	1,258	3,383	4,158	4,517	5,718	5,640	5,510	4,965	5,428	6,042
Linseed cake and meal	481	606	620	670	732	520	478	526	488	439
Cottonseed cake and meal	1,958	1,953	2,271	2,382	1,853	2,650	2,671	2,926	2,405	2,511
Peanut cake and meal	74	122	96	94	130	99	44	63	18	37
Copra cake and meal	134	177	171	204	226	220	213	196	182	160
Gluten feed and meal	731	853	866	916	1,066	911	955	1,001	1,034	1,077
Tankage and meat scraps	728	823	854	842	882	946	1,032	1,078	1,073	1,150
Fish cake and meal	235	236	288	324	332	438	390	438	395	455
Dried milk products§	142	90	110	115	100	110	115	370	145	120
Other milk products†	1,829	1,260	1,280	1,300	1,270	1,225	1,250	1,235	1,235	1,225
TOTAL	7,570	9,503	10,714	11,364	12,309	12,759	12,658	12,798	12,403	13,216

*Domestic production plus imports, minus exports, and minus estimated utilization for food, industry and other nonfeed uses. **Preliminary. §Dried and concentrated skim milk, buttermilk, and whey manufactured for animal feed. †Dry equivalent of skim milk, buttermilk, whey, and whole milk estimated fed on farms. Source of data: Agricultural Marketing Service, U. S. Department of Agriculture.

U. S. SOY FLOUR PRODUCTION

Soybeans Used in the Production of Soy Flour and Grits, Year Beginning October 1, 1942-56*

1,000 bu.

	Low Fat	Full Fat
1942-43	4,645	1,875
1943-44	4,470	1,605
1944-45	1,865	910
1945-46	8,278	1,061
1946-47	9,193	440
1947-48	17,119	162
1948-49	3,445	198
1949-50	3,715	228
1950-51	2,915	236
1951-52	3,426	255
1952-53	2,799	254
1953-54	3,111	225
1954-55, Total		5,405
† 1955-56, Total		6,019

* Estimated from reports on production of soy flour on basis that one bushel of soybeans will yield either 39 lbs. of low fat flour or 48 lbs. of full fat flour. † Based on 40 lbs. of soy flour per bushel of soybeans. Bureau of the Census no longer collects separate data on the production of full fat and low fat soy flour, but reports only total production.

PRODUCTION, EXPORTS SOY FLOUR AND GRITS

SOY FLOUR AND GRITS: UNITED STATES PRODUCTION AND EXPORTS: 1935-56

Year beginning October 1	Production*			Exports		
	Full fat Products	Low fat and defatted products	Total	Commercial †	Military ‡	Total
	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.
1935-36			22,000			
1936-37			24,000			
1937-38			26,000			
1938-39			28,000			
1939-40			30,000			
1940-41			50,000			
1941-42	28,000	56,125	84,125			
1942-43	90,600	181,000	271,600	22,971		22,971
1943-44	77,185	174,280	251,465	80,540		100,540
1944-45	43,925	72,715	116,640	88,460	14,374	72,834
1945-46	50,914	322,761	373,675	183,642	3,604	187,246
1946-47	21,263	358,537	379,800	105,814	135,223	241,037
1947-48	7,746	667,633	675,379	479,674	74,879	554,553
1948-49	9,492	134,356	143,848	56,186		56,186
1949-50	10,960	144,874	155,834			
1950-51	11,348	113,680	125,028	7,435		
1951-52	12,248	133,626	145,874	7,925		
1952-53	12,182	109,162	121,344	4,778		
1953-54	10,808	121,310	132,118	5,095		
1954-55			216,204	5,144		
1955-56			240,752	4,924		

* Based on reports of the Soy Flour Association supplemented by information furnished the War Food Administration by the industry for 1935-48 and the Bureau of the Census for 1949 to date. Data for 1935-41 are rough approximations used during the war years since no exact data were available. † Reported by the Bureau of the Census—not available prior to 1943. Thus the first figure is for January-September 1943 only. Includes exports under the Lend Lease program. ‡ Shipments for military relief feeding furnished by the National Military Establishments for 1944-46 and by the Bureau of the Census for 1947. Beginning with January 1948 included with commercial exports. The export figures do not include purchases by the Military for its own use. Compiled by Agricultural Marketing Service, U. S. Department of Agriculture.

EXPELLER

SOYBEAN OIL MEAL and PEASIZE CAKE

43 % PROTEIN — 4 % FAT

AVAILABLE in carloads and trucklots
throughout the year from
our centrally located plant

ILLINOIS SOY PRODUCTS COMPANY

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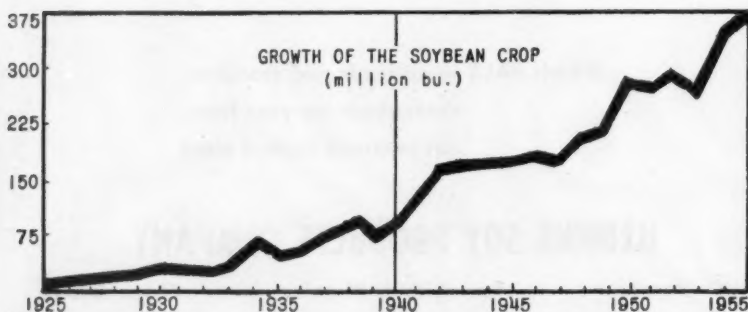
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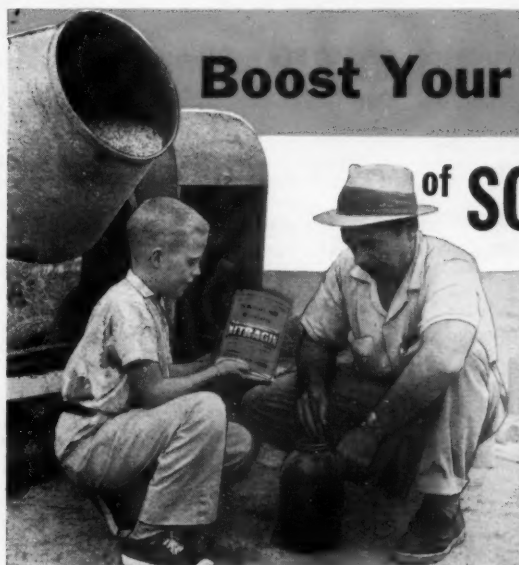
FATS AND OILS PRODUCTION

ESTIMATED PRODUCTION OF FATS AND OILS FROM DOMESTIC MATERIALS AND OIL EQUIVALENT OF EXPORTED DOMESTIC OILSEEDS, YEAR BEGINNING OCTOBER 1956 WITH COMPARISONS

Item	Average 1937-41	1950	1951	1952	1953	1954	1955 1/	1956 2/
	Mil. Lb.	Mil. Lb.	Mil. Lb.	Mil. Lb.	Mil. Lb.	Mil. Lb.	Mil. Lb.	Mil. Lb.
Butter (actual weight) -----	2,224	1,466	1,376	1,578	1,647	1,541	1,566	1,600
Lard and rendered pork fat -----	2,091	2,812	2,918	2,509	2,248	2,564	2,840	2,600
Edible beef fats 3/ -----	225	158	173	218	235	269	278	275
Total, edible animal fats -----	4,450	4,436	4,467	4,305	4,150	4,374	4,684	4,475
Corn oil -----	173	243	223	258	252	268	270	270
Cottonseed oil -----	1,456	1,227	1,726	1,836	2,101	1,717	1,888	1,675
Edible olive oil -----	7	2	4	7	2	3	9/	3
Peanut oil -----	87	190	123	53	82	19	78	80
Peanuts (shelled), oil equivalent of exports for crushing abroad 4/ -----		21			69			
Soybean oil -----	500	2,454	2,444	2,536	2,350	2,711	3,143	4,510
Soybeans, oil equivalent of exports 5/ -----	31	272	167	320	416	664	733	
Total edible vegetable oils -----	2,254	4,409	4,687	5,010	5,272	5,382	6,112	6,538
Inedible tallow and greases -----	1,303	2,343	2,268	2,616	2,661	2,825	3,115	2,870
Fish, whale and seal oils 6/ -----	223	164	126	148	161	180	194	195
Total, soap fats and oils -----	1,526	2,507	2,394	2,764	2,822	3,005	3,309	3,065
Linseed oil 7/ -----	363	808	554	501	631	588	625	660
Flaxseed, oil equivalent of exports 8/ -----		78	55	9/	122	132	192	
Tung oil -----	1	12	14	43	40	15	2	25
Caster oil -----			8	11	8	4	1	2
Total, drying oils -----	364	898	631	555	801	739	819	687
Other fats and oils 10/ -----	5	14	20	36	31	42	33	30
GRAND TOTAL -----	8,689	12,264	12,199	12,671	13,077	13,543	14,956	14,795

1/ Preliminary. 2/ Forecasts based on Nov. 1 crop estimates and other indications. 3/ Edible tallow, oleo stock, oleo oil, and oleostearine. Beginning January 1949, use of edible tallow in pressing is subtracted from reported production of tallow. 4/ 43 percent of actual weight. 5/ 9 pounds per bushel, 1937-41; 9.8 pounds in 1950-51; 10.0 pounds in 1952; 11 pounds in 1953-56. 6/ Excludes cod oil and fish liver oils. 7/ Excludes oil equivalent of imported flaxseed. 8/ 19.8 pounds per bushel. 9/ Less than 500,000 pounds. 10/ Neat's foot oil, wool grease, cod and fish-liver oils, and vegetable oils not reported separately by kind. Compiled from reports of Bureau of the Census, Fish and Wildlife Service, and U. S. Department of Agriculture.





Boost Your Yields

of SOYBEANS

with the

BONUS BILLIONS

NITRAGIN

nitrogen-fixing bacteria

NITRAGIN boosts your stand ★ improves your land inoculation ... with new nitrogen fertility made out of the air. Increases yields, improves crop quality, enriches your soil.

★ **Legume bacteria** are so tiny they have to be bought on faith. The faith in NITRAGIN inoculants of more than a million farmers is built on yield increases year after year, on the 59-year NITRAGIN reputation, and on the bacteria count guarantee printed on every NITRAGIN package.

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★ **Whether** you inoculate legumes by hand or by machine, NITRAGIN'S bonus billions of bacteria assure you of maximum inoculation results. Be sure to inoculate every soybean planting—alfalfa, clovers, pasture and Soil Bank mixtures too—for top yields, better market grade and soil benefits. Postcard brings you soybean leaflets.

450 Billion Guaranteed!

Only NITRAGIN guarantees the bacteria count—averaging 18 billion per bushel of inoculated seed. Read the guarantee on the bright orange package.

Make nitrogen with NITRAGIN

THE **NITRAGIN** CO.

3279 W. Custer Ave., Milwaukee 9, Wis.




PRODUCTION OF SOYBEAN OIL

SOYBEAN OIL: PRODUCTION, TRADE, STOCKS, DEC. 31 AND APPARENT DISAPPEARANCE,
1930-56

Year	Factory Production	Imports	Exports 1/	Factory and Warehouse Stocks Dec. 31	Apparent Disappearance
	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.
1930	14	11	5	15	20
1935	105	14	4	30	103
1940	533	5	17	93	498
1941	586	1	14	110	555
1942	762	--	20	140	711
1943	1,234	2/	57	181	1,136
1944	1,246	--	78	120	1,229
1945	1,392	2/	41	205	1,266
1946	1,454	--	89	160	1,410
1947	1,543	2/	110	142	1,451
1948	1,604	2/	86	188	1,473
1949	1,859	2/	367	150	1,531
1950	2,075	2/	302	154	1,769
1951	2,473	--	504	281	1,842
1952	2,478	2/	223	237	2,299
1953	2,515	--	49	208	2,496
1954	2,378	--	77	176	2,334
1955	2,827	--	134	218	2,650
1956 Jan.-Sept.	2,324	--	464	227 Sept. 30	1,852


1/ Includes shipments and voluntary relief. 2/ Less than 500,000 lbs.




SEND YOUR SOYBEANS

to DANNEN

- Prompt Service
- Good Prices
- Official Weights and Grades





DANNEN MILLS, INC. St. Joseph, Mo.

SOYBEAN OIL UTILIZATION

SOYBEAN OIL: Utilization By Classes of Products, United States, 1931-56

Year	—Food Products—				—Non-Food Products—							Total Domestic Disappearance
	Marga-	Shorten-	Other	Total	Soap	Paint Varnish	Other Drying Oil Prod.	Misc. Non-Food	Less Incl. Oil in Foots	Total		
	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.		
1931	1	11	7	19	8	6	4	1	2	16	35	
1932	1/	5	14	19	6	7	5	1	1	20	39	
1933	1/	1/	7	8	4	9	7	1	1	22	30	
1934	1/	3	10	13	2	10	4	1	1	18	31	
1935	2	52	21	75	3	13	6	1	5	28	103	
1936	14	114	59	187	5	14	5	2	9	35	222	
1937	32	91	20	143	10	16	3	1	10	40	183	
1938	40	137	79	256	11	15	7	2	14	49	305	
1939	71	202	116	389	11	22	12	4	16	65	454	
1940	87	212	107	406	18	30	16	7	21	92	498	
1941	76	216	139	431	25	42	21	11	26	124	555	
1942	133	336	130	599	32	25	8	6	41	112	711	
1943	198	568	207	974	15	20	18	15	93	162	1136	
1944	211	620	274	1106	3	19	18	14	69	123	1229	
1945	207	683	244	1133	4	26	20	16	66	133	1266	
1946	201	744	294	1238	4	30	37	24	77	172	1410	
1947	228	705	248	1181	5	89	69	37	69	270	1451	
1948	255	708	240	1203	3	100	62	32	73	270	1473	
1949	257	713	239	1210	2	124	97	20	80	321	1531	
1950	312	841	295	1448	2	117	96	25	82	323	1771	
1951	473	731	331	1536	2	88	106	26	84	306	1842	
1952	652	851	408	1911	2	120	88	73	104	386	2299	
1953	728	912	510	2150	1	104	81	62	98	345	2496	
1954	665	918	419	2002	1	139	70	35	86	331	2334	
1955	746	930	584	2260	1	184	90	7	108	390	2650	
1956 (Jan. Sept.)	532	579	423	1534	1	156	61	19	80	318	1852	

1/ Less than 500,000 lbs.

PERCENTAGE OF TOTAL DOMESTIC DISAPPEARANCE

Year	Marga-	Shorten-	Other	Total	Soap	Paint Varnish	Other Drying Oil Prod.	Misc. Non-food	Loss incl. oil in foots	Total	Total Domestic Disappearance
	Per-Cent	Per-Cent	Per-Cent	Per-Cent	Per-Cent	Per-Cent	Per-Cent	Per-Cent	Per-Cent	Per-Cent	Per-Cent
1931	1.8	31.4	20.0	54.3	11.4	17.1	11.4	1.8	5.7	45.7	100.0
1932	1/	12.8	35.9	48.7	15.4	17.9	12.8	2.7	2.7	51.3	100.0
1933	1/	1/	23.3	26.7	13.4	30.0	23.3	3.3	3.3	73.3	100.0
1934	1/	9.6	32.3	41.9	4.5	32.3	12.9	3.2	3.2	58.1	100.0
1935	1.9	50.5	20.4	72.8	2.9	12.6	5.8	1.0	4.9	27.2	100.0
1936	6.3	51.3	26.6	84.2	2.3	6.3	2.3	.9	4.0	15.8	100.0
1937	17.5	49.7	10.9	78.1	5.5	8.7	1.6	.6	5.5	21.9	100.0
1938	13.1	44.9	25.9	83.9	3.6	4.9	2.3	.7	4.6	16.1	100.0
1939	15.6	44.5	25.6	85.7	2.4	4.8	2.7	.9	3.5	14.3	100.0
1940	17.5	42.6	21.4	81.5	3.6	6.0	3.2	1.4	4.3	18.5	100.0
1941	13.7	38.9	25.1	77.7	4.5	7.5	3.7	1.9	4.7	22.3	100.0
1942	18.7	47.2	18.3	84.2	4.5	3.5	1.1	.8	5.8	15.8	100.0
1943	17.4	50.0	18.3	85.7	1.3	1.8	1.6	1.3	8.2	14.3	100.0
1944	17.2	50.5	22.3	90.0	.3	1.5	1.5	1.1	5.6	10.0	100.0
1945	16.3	53.9	19.3	89.5	.3	2.1	1.6	1.3	5.2	10.5	100.0
1946	14.2	52.8	20.8	87.8	.3	2.1	2.6	1.7	5.5	12.2	100.0
1947	15.7	48.6	17.1	81.4	.3	6.1	4.8	2.6	4.8	18.6	100.0
1948	17.3	48.1	16.3	81.7	.2	6.8	4.2	2.2	4.9	18.3	100.0
1949	16.8	46.6	15.6	79.0	.1	8.1	6.3	1.3	5.2	21.0	100.0
1950	17.6	47.5	16.7	81.8	.1	6.6	5.4	1.4	4.7	18.2	100.0
1951	25.7	39.7	18.0	83.4	.1	4.8	5.8	1.4	4.5	16.6	100.0
1952	28.4	37.0	17.8	83.2	.1	5.2	3.8	3.2	4.5	16.8	100.0
1953	29.2	36.5	20.4	86.1	.1	4.2	3.2	2.5	3.9	13.8	100.0
1954	28.5	39.3	18.0	85.8	1/	6.0	3.0	1.5	3.7	14.2	100.0
1955	28.2	35.1	22.0	85.3	1/	6.9	3.4	.3	4.1	14.7	100.0
1956 (Jan. Sept.)	28.7	31.3	22.8	82.8	.1	8.4	3.3	1.0	4.3	17.2	100.0

1/ Less than .05 percent.

SOYBEAN OIL UTILIZATION—(Continued)

Soybean Oil, REFINED: Factory Consumption, by Uses, in the United States, 1950, 1951, 1952, 1953, 1954, 1955 and first three quarters of 1956

	1950	1951	1952	1953	1954	1955	1956†
Thousands of Pounds							
Total consumption	1,626,638	1,757,211	2,073,020	2,227,154	2,183,263	2,441,774	2,028,440
Processing:							
Fat splitting	1*			1*	1*	1*	1*
Hydrogenation	524,353	660,635	895,033	1,141,800	1,108,665	1,482,106	801,441
Sulphonation	635	684	579	544	471	1*	1*
Winterizing	1*	1*	1*	1*	126,722	1*	1*
Pressing							1*
Deodorizing (whole oil)	87,022	137,841	97,839	128,931	153,667	315,971	641,375
Other processing	1*	6,567	1*	1*	1*	1*	1,784
Edible products:							
Shortening	649,328	524,074	591,003	470,936	467,051	509,584	315,492
Margarine	31,896	68,871	80,425	1*	62,417	79,046	50,192
Other edible	74,887	84,157	88,772	110,765	92,024	111,549	48,531
Inedible products:							
Soap	1*	433	472	427	343	1*	1*
Chemicals	1*	1*	1*	1*	1*	1*	1*
Paint and varnish	82,848	57,486	67,099	75,938	74,952	88,444	63,744
Lubricants and greases	188	221	159	193	165	1*	264
Linoleum and oilcloth	1*	1*	1*	10,462	1*	1*	1*
Other inedible products	63,659	87,146	99,992	76,081	70,816	87,350	62,457

1* Not separately reported for part or all of period. †Reported for first three quarters only. Table prepared in Agricultural Marketing Service, U.S.D.A., from data reported by the Bureau of the Census

Soybean Oil, CRUDE: Factory Consumption, by Uses, in the United States, 1950, 1951, 1952, 1953, 1954, 1955 and the first three quarters of 1956

	1950	1951	1952	1953	1954	1955	1956†
Thousands of Pounds							
Total consumption	1,835,069	2,029,593	2,354,113	2,497,720	2,336,045	2,772,287	2,224,865
Used in refining	1,781,627	1,976,114	2,279,862	2,409,225	2,256,446	2,666,689	2,113,975
Total use other than refining	53,442	53,479	74,251	88,495	79,599	105,598	110,890
Processing:							
Fat splitting	1*	1*	1*	5,918	1*	1*	1*
Hydrogenation	1*	1*		1*		1*	1*
Sulphonation	1*	1*	1*	174	210		1*
Other processing	23,823	24,038	44,126	1*	53,492	65,738	83,136
Edible products:							
Shortening	1*	1*					
Other edible	1*	1*	1*				1*
Inedible products:							
Soap	1,324	1,244	1,105	865	564	829	397
Chemicals	1*	1*	1*	1*			1*
Paint and varnish	4,188	3,252	6,101	5,704	4,626	4,478	3,652
Lubricants and greases	1*	395	414	441	180	1*	1*
Linoleum and oilcloth	1*	1*	1*	1*	1*	1*	1*
Other inedible products	18,364	15,513	19,069	13,851	13,601	28,365	19,984

1* Not separately reported for part or all of period. †Reported for first three quarters only. Table prepared in Agricultural Marketing Service, U.S.D.A., from data reported by the Bureau of the Census

Nellis Feed Co.

BROKERS

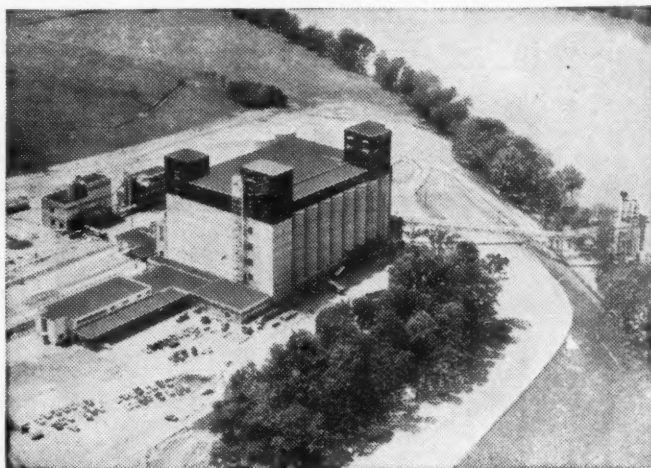
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The new Central Soya Company, Inc. and McMillen Feed Mills plant at Chattanooga, Tenn.

. . . with these quality products:



THRIFTY-FIFTY SOYBEAN MEAL

CENTRAL FORTY-FOUR SOYBEAN
MEAL

CENTROL SOYBEAN OIL

CENTROL LECITHIN

CENTRAL SOYA CO., INC.

Fort Wayne, Indiana

PRICES OF U. S. SOYBEANS

SOYBEANS: Average Price Received by Farmers, Monthly and Season Average, U. S., 1923-56

Crop Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Season Ave.**
DOLLARS PER BUSHEL													
1923-24	2.09	2.10	2.11	2.23	2.26	2.41	2.40	2.44	2.49	2.60	2.51	2.33	2.28
24-25	2.23	2.16	2.36	2.59	2.64	2.76	2.77	2.81	2.70	2.71	2.40	2.38	2.46
25-26	2.27	2.18	2.17	2.38	2.33	2.39	2.27	2.17	2.67	2.71	2.31	2.27	2.34
26-27	1.97	1.85	1.83	1.90	2.03	1.98	2.07	2.15	2.20	2.14	2.06	1.91	2.01
27-28	1.86	1.69	1.61	1.70	1.69	1.85	1.93	2.06	2.13	2.12	2.01	1.89	1.81
28-29	1.72	1.69	1.70	1.82	1.93	2.13	2.19	2.30	2.41	2.46	2.15	1.87	1.88
29-30	1.79	1.70	1.72	1.85	1.91	2.00	2.07	2.11	2.16	1.96	1.90	1.80	1.88
1930-31	1.64	1.48	1.44	1.46	1.40	1.42	1.38	1.39	1.29	1.12	.94	.82	1.37
31-32	.52	.47	.47	.47	.48	.51	.51	.52	.51	.47	.47	.47	.50
32-33	.46	.45	.44	.45	.45	.48	.58	.86	.98	1.04	.94	.85	.54
33-34	.68	.69	.73	.81	1.01	1.16	1.26	1.25	1.45	1.54	1.25	1.05	.94
34-35	.95	.89	1.11	1.19	1.27	1.20	1.18	1.21	1.19	.98	.73	.69	.99
35-36	.68	.69	.72	.76	.77	.78	.78	.83	.85	1.05	1.19	1.10	.73
36-37	1.07	1.12	1.30	1.43	1.50	1.52	1.66	1.74	1.50	1.32	1.02	.90	1.27
37-38	.86	.83	.83	.88	.93	.89	.85	.87	.86	.85	.75	.71	.85
38-39	.64	.63	.67	.72	.69	.73	.78	.87	.83	.75	.64	.73	.67
39-40	.73	.82	.97	1.03	.96	1.01	1.00	.96	.79	.73	.67	.69	.81
1940-41	.67	.84	.81	.89	.84	.89	1.07	1.19	1.23	1.30	1.29	1.61	.90
41-42	1.42	1.43	1.47	1.65	1.78	1.79	1.76	1.73	1.63	1.62	1.58	1.57	1.55
42-43	1.58	1.58	1.59	1.59	1.60	1.65	1.67	1.72	1.73	1.70	1.68	1.69	1.61
43-44	1.80	1.80	1.81	1.82	1.85	1.89	1.91	1.93	1.93	1.91	1.90	1.93	1.81
44-45	2.04	2.05	2.05	2.06	2.10	2.13	2.13	2.15	2.17	2.16	2.12	2.07	2.05
45-46	2.06	2.09	2.09	2.09	2.11	2.12	2.14	2.16	2.17	2.31	2.35	2.13	2.08
46-47	2.28	3.09	2.75	2.93	3.00	3.67	3.62	3.01	3.07	3.09	3.07	3.05	2.57
47-48	3.11	3.43	3.69	4.11	2.97	3.23	3.64	3.74	3.90	3.66	2.91	2.45	3.33
48-49	2.27	2.36	2.36	2.27	2.05	2.12	2.08	2.18	2.10	2.27	2.60	2.14	2.27
49-50	2.09	1.95	2.09	2.11	2.12	2.25	2.48	2.71	2.80	2.93	2.42	2.36	2.16
1950-51	2.03	2.54	2.70	2.90	3.08	3.10	3.12	3.13	2.98	2.86	2.71	2.59	2.47
51-52	2.62	2.77	2.83	2.78	2.78	2.76	2.72	2.77	3.02	3.00	3.05	2.83	2.73
52-53	2.71	2.71	2.75	2.69	2.63	2.81	2.81	2.78	2.66	2.44	2.40	2.33	2.72
54-55	2.54	2.57	2.57	2.58	2.61	2.54	2.42	2.36	2.32	2.23	2.20	2.00	2.46
55-56	2.08	2.06	2.11	2.19	2.25	2.38	2.63	2.98	2.87	2.47	2.33	2.07	2.22
56-57	2.07	2.27											

Source: Agricultural Marketing Service, U. S. Department of Agriculture. Monthly figures are average prices received by farmers on the 15th of the month. Season averages are crop-year average prices, by states, weighted by production to obtain U. S. average.

SOYBEANS: No. 2 Yellow: Average monthly price per bushel at Illinois country shipping points,

October 1946 - November 1956

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Avg.
Cents Per Bushel													
1946-47	322	317	288	307	320	393	362	312	312	330	317	314	325
1947-48	338	369	394	423	343	352	388	400	414	379	319	273	366
1948-49	243	255	252	240	218	220	215	225	220	250	277	220	236
1949-50	216	210	220	220	225	245	268	290	300	310	275	245	252
1950-51	230	272	295	310	325	325	325	324	304	294	287	277	297
1951-52	280	290	295	290	290	288	282	292	317	322	325	298	297
1952-53	285	289	290	285	282	294	295	287	276	256	255	247	278
1953--54 1/	257	283	299	303	317	349	380	363	366	370	355	272	326
1954-55	269	274	273	274	274	263	254	246	242	236	239	224	256
1955-56	222	219	227	235	245	256	285	310	297	254	240	218	251
1956-57	221	242	239										

1/ Prices for Grade No. 1 since October 1953. Since the latter part of September 1953, most of the processors have been buying soybeans on the basis of No. 1 Grade. However, the same price was generally paid for No. 2 Grade provided the degrading factors were either test weight or splits. Discounts were applicable for any of the other degrading factors below No. 1 Grade.

PRICES OF U. S. SOYBEANS—(Continued)

SOYBEANS FOR CRUSHING:

Average Prices of No. 2 Yellow Soybeans, Bulk, in Carlots at Chicago, by Months, Oct. 1933-Dec. 1956*

Crop Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Se. an Ave.**
DOLLARS PER BUSHEL													
1933-34	.72	.73	.76	.79	.82	.82	.88	.90	.93	.94	.94	.72	.84
1934-35	.86	.96	1.24	1.27	1.29	1.13	1.10	1.07	.95	1.22	1.42	1.27	1.06
1935-36	.79	.81	.87	.88	.85	.82	.83	.85	.91	1.22	1.42	1.27	.96
1936-37	1.23	1.29	1.46	1.61	1.59	1.59	1.74	1.75	1.40	1.39	1.12	.98	1.43
1937-38	.98	.93	.95	1.00	1.04	.98	.92	.91	.88	.92	.86	.84	.93
1938-39	.74	.74	.81	.84	.82	.88	.89	.96	.93	.90	.87	.87	.85
1939-40	.87	.98	1.15	1.16	1.06	1.14	1.09	1.00	.81	.82	.81	.81	.96
1940-41	.83	.95	.96	1.02	.95	1.04	1.20	1.32	1.39	1.50	1.57	1.83	1.06
1941-42	1.58	1.60	1.67	1.83	1.95	1.92	1.83	1.80	1.72	1.74	1.71	1.71	1.68
1942-43	---	---	---	---	\$1.79	\$1.71	\$1.71	\$1.71	1.71	1.71	1.71	1.71	1.72
1943-44	1.88	---	\$1.86	\$1.87	---	\$1.94	---	---	\$1.92	\$1.95	\$1.94	\$2.04	1.90
1944-45	---	---	---	\$2.19	\$2.21	\$2.20	\$2.22	---	\$2.20	---	\$2.18	\$2.17	2.20
1945-46	2.11	2.18	\$2.18	---	---	---	---	---	---	---	---	---	2.13
1946-47	2.87	3.29	\$3.12	\$3.21	---	---	---	---	---	\$3.34	\$3.11	\$2.92	3.04
1947-48	3.39	3.66	3.93	4.21	---	3.59	\$3.86	4.02	---	\$3.78	\$3.22	---	3.80
1948-49	2.44	2.58	2.62	2.47	2.26	2.28	2.26	2.32	2.33	2.64	\$3.20	\$2.21	2.45
1949-50	2.23	2.19	2.31	2.31	2.36	2.48	2.69	3.11	3.00	\$3.12	\$2.92	---	2.29
1950-51	2.37	2.75	3.02	3.22	\$3.00	---	\$3.25	---	\$3.17	\$3.02	---	\$2.66	2.61
1951-52	2.91	2.93	\$2.99	\$2.98	\$3.05	---	\$2.83	3.03	\$3.25	3.28	---	---	2.98
1952-53	2.92	2.92	\$2.90	\$2.83	\$2.82	---	\$2.92	\$2.91	\$2.82	\$2.69	---	\$2.57	2.88
1953-54	2.61	2.85	---	---	---	\$3.46	---	---	---	---	\$4.00	2.68	2.71
1954-55	2.74	2.81	2.78	2.76	2.76	---	2.51	2.49	2.38	---	---	---	2.65
1955-56	2.24	2.28	2.33	2.42	---	2.56	2.73	3.10	2.88	2.76	2.56	2.28	2.56
1956-57	2.30	2.51	---	---	---	---	---	---	---	---	---	---	---

* Source: Agricultural Marketing Service, U. S. Dept. of Agriculture. Compiled as follows: Oct. 1933-May 1942 from **Chicago Daily Trade Bulletin**, June 1942 and subsequently from **Chicago Journal of Commerce**. Monthly prices, Oct. 1933-Sept. 1939, are simple averages of daily quotations, net track price; monthly prices, Oct. 1939 and subsequently, are weighted averages of reported cash sales—computed by weighting daily selling price by number of carlots sold. **Season average prices 1933-54 through 1938-39, are simple averages of monthly prices; beginning with 1939-40 the season averages are weighted by the monthly volume of cash sales. †5 cars or less sold, subsequently prices may not reflect general price level as there is little or no trading at the terminal market.

VALUE OF U. S. SOYBEAN CROP

SOYBEANS FOR BEANS: Value of Production, United States and specified states, 1925-56

Year	U.S.	Illinois	Iowa	Indiana	Ohio	Missouri	Minnesota
Thousands of Dollars							
1925	11,430	3,077	260	872	571	905	---
1930	19,058	8,225	1,350	2,495	651	1,584	---
1935	35,565	18,983	4,510	4,879	1,771	1,140	76
1940	70,224	29,675	12,478	8,929	8,168	1,601	779
1941	166,042	77,411	24,341	21,337	20,336	3,462	1,752
1942	301,137	108,830	56,013	42,472	38,073	11,304	5,288
1943	345,032	129,881	65,743	46,461	45,851	15,714	5,929
1944	393,893	151,486	79,485	51,685	44,629	21,457	8,088
1945	402,234	156,416	73,143	58,889	39,935	19,843	13,860
1946	522,140	196,610	94,707	66,048	40,310	36,618	28,417
1947	621,477	221,869	98,995	92,594	59,404	31,680	48,096
1948	516,069	184,336	79,529	72,862	42,812	36,093	35,804
1949	506,474	183,561	69,345	72,518	45,360	39,623	29,797
1950	737,822	238,383	112,094	89,308	62,539	64,790	44,129
1951	769,926	263,538	88,918	104,791	59,156	69,402	50,513
1952	809,314	247,932	104,676	107,576	56,043	88,769	57,496
1953	731,721	219,972	103,672	101,375	59,466	68,431	76,164
1954	841,672	224,466	135,331	113,396	73,379	69,125	98,968
1955	830,603	227,956	101,293	99,585	66,640	71,155	98,412
1956*	1,011,716	303,633	114,525	117,281	70,254	84,108	115,588

* Preliminary. Source of data: Agricultural Marketing Service, U. S. Dept. of Agriculture.

U. S. PRICE SUPPORT OPERATIONS

Year beginning Oct. 1	Production	Owned by CCC on Oct. 1	Under price support			% of crop	Deliveries to CCC	Support rate per bu.	Season avg. price rec'd by farmers 3/	Price rec'd by farmers as % of parity	
			Loans	Purchase Agreements	Total					\$	Percent
	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	Percent	1,000 bu.	\$	\$		
1932-33	15,158								.529		45
1933-34	13,509								.917		76
1934-35	23,157								.963		76
1935-36	48,901								.714		59
1936-37	33,721								.55		100
1937-38	46,164								.837		66
1938-39	61,906								.664		56
1939-40	90,141								.802		67
1940-41	78,045								.892		75
1941-42	107,197		149		149	.1		1.05	1.55		119
1942-43	187,524		3,641		3,641	1.9	953	1.60	1.60		111
1943-44	190,133		261		261	.1	26	1.80	1.81		116
1944-45	192,121		79		79	.04	8	2.04	2.05		127
1945-46	193,167		32		32	.02		2.04	2.08		126
1946-47	203,395		4/ 6,456		4/ 6,456	3.2		2.04	2.56		135
1947-48	186,451	1 4/	3,536		4/ 3,536	1.9		2.04	3.34		147
1948-49	227,217	0	6,928	4,065	10,993	4.8	10,652	2.18	2.27		95
1949-50	234,194	6,279	11,222	4,839	16,061	6.9	41	2.11	2.17		94
1950-51	299,249	7	14,716	238	14,954	5.0	29	2.06	2.47		95
1951-52	283,777	1	10,759	374	11,133	3.9	57	2.45	2.73		97
1952-53	298,839	1	11,671	2,427	14,098	4.7	3,858	2.56	2.72		96
1953-54	269,169	1,980	30,348	1,442	31,790	11.8	7	2.56	2.73		99
1954-55	341,075	13	37,943	3,470	41,413	12.1	15,550	2.22	2.46		88
1955-56	373,522	6,570	5/ 27,490	5/ 2,643	5/ 30,133	8.1	2	2.04	5/ 2.20		77
1956-57	5/ 455,869	6/						2.15			

1/ The prices shown from which the support levels were computed are comparable and parity prices originally reported as follows: 1941-49, August comparable price; 1950-55, parity prices as follows: 1950, August; 1951, January; 1952, November 1951; 1953, September 1952; 1954, December 1953; 1955, February 1955; 1956, January. 2/ Generally mid-September parity prices. 3/ State average prices weighted by sales to obtain national average. Prices for years in which there was a substantial volume of deliveries to CCC from loans and purchase agreements include an allowance for such deliveries valued at average loan rates. 4/ Practically all processor loans. 5/ Preliminary. 6/ Less than 500 bushels. Grain Division, Commodity Stabilization Service.

PRICE SPREAD, SOYBEANS AND END PRODUCTS

SOYBEANS: Spread Between Price Received by Farmers and Value of Products, 1945-56
(Using Monthly Average of Spot Prices Weighted by Monthly Crush)

Year beginning October	Soybean oil				Soybean meal				Spread between price rec'd by farmers and value of products	
	Soybean average price rec'd by farmers 1)	Yield 2)	Price 3)	Value (Cols. 2 x 3)	Yield 4)	Price 5)	Value (Cols. 5 x 6)	Value of products	Value of products (Cols. 8-1)	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
	\$ Per Bu.	Lbs. c	Per Lb.	Dollars	Lbs. c	Per Lb.	Dollars	Dollars	Dollars	
1945	2.08	8.9	11.9	1.06	48.1	2.72	1.31	2.37		.29
1946	2.57	9.0	23.3	2.10	48.0	3.56	1.71	3.81	1.24	
1947	3.33	9.5	23.8	2.26	47.5	4.08	1.94	4.20		.87
1948	2.27	9.8	13.1	1.28	47.1	3.29	1.55	2.83		.56
1949	2.16	9.9	12.3	1.22	48.0	3.22	1.55	2.77		.61
1950	2.47	9.7	18.1	1.76	47.6	3.21	1.53	3.29		.82
1951	2.73	10.0	11.4	1.14	47.6	4.11	1.96	3.10		.37
1952	2.72	10.8	12.1	1.31	48.5	3.40	1.65	2.96		.24
1953	2.72	11.0	13.5	1.48	48.4	3.90	1.89	3.37		.65
1954	2.46	10.9	11.9	1.30	46.8	3.03	1.42	2.72		.26
1955	2.22	11.1	12.6	1.40	47.2	2.62	1.24	2.64		.42
1956 6)	2.17	10.8	12.9	1.39	47.8	2.32	1.11	2.50		.33

1) Agricultural statistics, U. S. average. 2) Census "Facts for Industry," U. S. average. 3) Spot price, crude tank cars, f.o.b. Midwestern mills from AMS monthly series weighted by volume crushed. 4) Census "Facts for Industry," U. S. average adjusted upward to include outturn as flour. 5) Spot price, bulk, 44% protein (41% before July 1950) basis Decatur from AMS monthly series weighted by volume crushed. 6) October-November. Oils and Peanut Division, CSS, Program Analysis Branch.

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ROTEX Screener No. 82
With two screen surfaces, each 40 by 120 inches.

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At the present time ROTEX are being widely used for the rough cleaning of whole soybeans, for further cleaning them through a coarse screen and over a fine screen, for the sizing of soybean meal, both before and after grinding and for the removal of fine dust from finished meal.

ROTEX handles all these jobs exceptionally well because of the combination of the nearly level gyratory action of the screen box and the action of the rubber ball mesh cleaning system.

While the screen box action stratifies the material and conveys it over the screen surface at an angle of inclination of only 4 degrees, the rubber balls, bouncing continuously and uniformly against the underside of the screen mesh, keep the entire area of the screen mesh open and free from clogging, thus assuring a complete separation and a maximum capacity per square foot of screen area.

There are over twenty-two standard ROTEX Models in various sizes, with from one to five screen surfaces so that it is always possible to obtain the proper size ROTEX for any capacity and separation requirement. Special Models, with variations to fit the customer's installation requirements, can also be furnished thus often eliminating expensive spouting or conveyors.

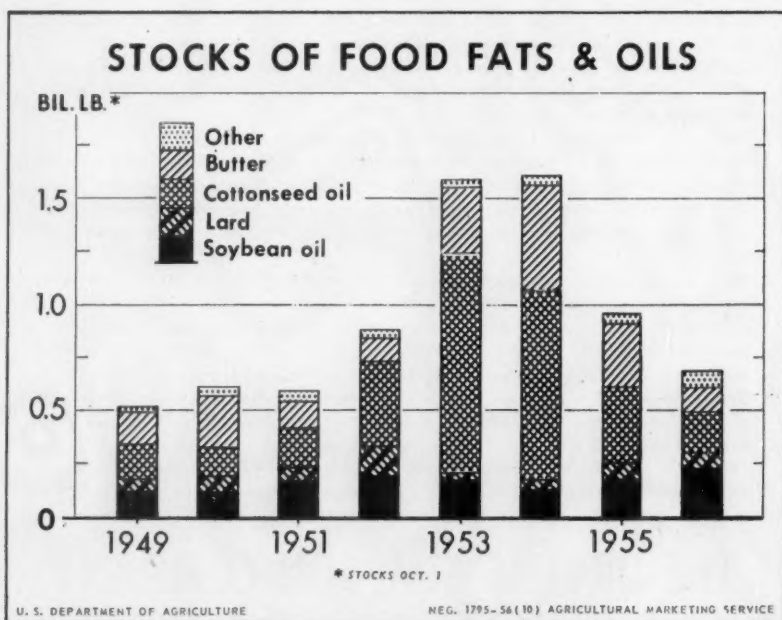
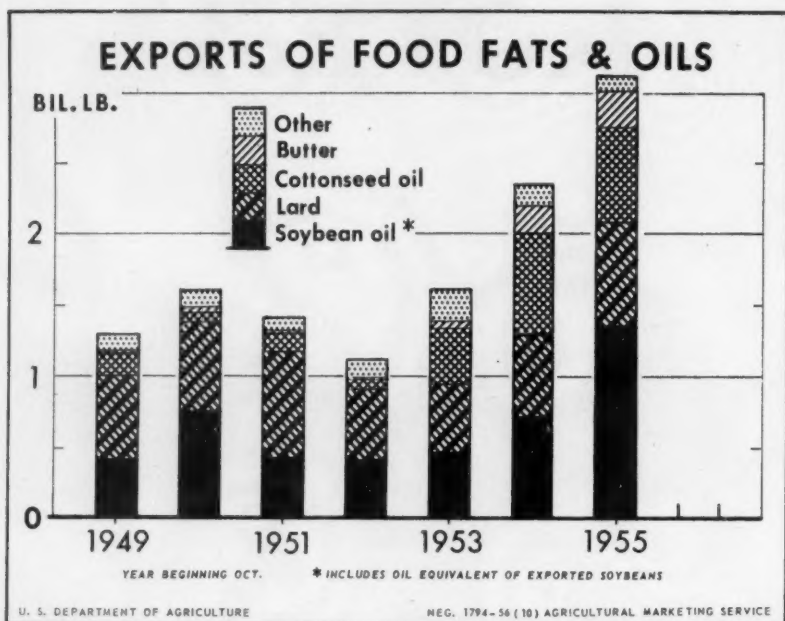
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^{*}Trade Mark Reg.

THE ORVILLE SIMPSON COMPANY

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PRICES OF U. S. SOYBEAN OIL MEAL

SOYBEAN OIL MEAL:

Average Price Per Ton, Bagged, in Carlots, 44 Percent Protein, at Chicago by Months,
Oct. 1929 - Nov. 1956*

Crop Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Ave.**
DOLLARS PER TON													
1929-30	58.30	54.20	53.05	51.80	48.25	48.20	50.15	50.70	48.75	46.00	47.80	47.50	50.40
1930-31	44.00	41.20	40.00	39.30	36.60	33.15	31.90	28.60	25.80	24.90	23.35	21.40	32.50
1931-32	18.60	23.85	23.00	20.45	18.75	18.90	19.90	19.95	20.20	20.05	22.60	23.70	20.85
1932-33	22.75	21.70	21.70	21.70	21.70	22.60	23.70	28.30	28.85	39.20	39.00	34.85	27.15
1933-34	31.70	30.15	30.50	30.60	31.50	32.50	33.25	33.60	34.50	34.50	37.75	39.50	33.35
1934-35	38.50	38.85	41.20	40.70	38.45	37.10	33.80	33.20	31.70	29.05	24.00	22.85	34.10
1935-36	25.60	24.40	25.50	25.15	23.90	22.30	23.30	24.80	26.10	38.90	44.30	39.70	28.65
1936-37	36.90	39.15	43.00	44.10	41.50	41.10	47.60	48.35	39.20	37.30	34.90	34.20	40.60
1937-38	28.80	29.50	28.80	30.00	29.60	28.10	26.00	26.30	25.30	26.95	26.15	27.00	27.70
1938-39	24.60	24.40	26.20	26.30	24.70	24.45	24.70	26.30	25.95	24.70	25.70	33.70	26.00
1939-40	28.30	32.70	34.95	33.90	29.95	30.45	29.65	28.65	24.40	22.25	24.60	27.00	28.90
1940-41	25.90	30.50	29.60	29.75	26.60	26.85	27.50	28.10	29.70	33.80	36.20	41.40	30.50
1941-42	37.95	39.10	42.50	46.45	46.45	44.85	41.00	38.30	37.90	41.80	42.60	43.50	41.85
1942-43	42.70	46.60	39.00	39.35	39.60	40.60	40.60	40.55	40.40	40.40	51.90	51.90	42.80
1943-44	51.90	51.90	51.90	51.90	51.90	51.90	51.90	51.90	51.90	51.90	51.90	52.00	51.90
1944-45	52.00	52.00	52.00	52.00	52.00	52.00	52.00	62.50	66.00	97.00	93.15	66.00	62.40
1945-46	52.00	52.00	52.00	52.00	52.00	52.00	52.00	52.00	52.00	52.00	52.00	52.00	52.00
1946-47	79.50	93.35	80.70	71.90	65.40	81.05	72.15	68.55	76.30	89.75	91.90	102.70	81.10
1947-48	91.05	92.90	101.50	110.25	89.00	84.75	86.20	86.60	94.25	96.90	84.40	81.50	91.60
1948-49	66.80	79.25	78.00	73.45	65.80	67.40	70.55	71.00	75.40	85.55	100.30	83.15	76.40
1949-50	74.80	69.40	68.80	66.00	65.05	69.65	73.30	82.60	85.15	96.40	78.20	65.85	74.60
1950-51	64.90	73.35	76.40	77.20	82.55	79.65	75.45	76.55	76.30	80.50	77.40	82.80	76.90
1951-52	86.25	86.65	86.65	86.65	87.00	87.00	99.65	102.65	106.70	105.05	117.20	103.35	96.25
1952-53	93.70	88.00	85.05	80.10	78.10	79.10	78.10	79.60	78.50	76.40	73.15	70.65	80.05
1953-54	68.55	71.20	82.15	84.60	88.10	95.25	106.80	101.35	98.35	104.20	98.35	78.90	89.80
1954-55	76.00	79.05	79.50	78.35	76.10	72.35	69.85	64.15	62.35	64.60	65.05	70.70	71.50
1955-56	66.70	59.75	61.10	61.85	60.40	58.05	64.20	70.80	71.90	66.15	63.30	58.10	63.30
1956-57	57.10	58.80	58.25										

*Source: Agricultural Marketing Service, U. S. Dept. of Agriculture. Prior to July 1950, prices are on basis of 41 percent protein. **Simple average for months shown, rounded to nearest five cents.

SOYBEAN OIL MEAL: Prices paid by farmers per 100 pounds for specified feeds,

United States, by months, 1947-56

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Ave.
1947	\$4.67	\$4.27	\$4.47	\$4.54	\$4.20	\$4.34	\$4.78	\$5.08	\$5.26	\$5.43	\$5.22	\$5.44	\$4.81
1948	5.82	5.24	5.09	5.02	5.03	5.12	5.43	5.08	5.14	4.26	4.38	4.64	5.02
1949	4.48	4.14	4.09	4.15	4.17	4.16	4.57	5.15	5.16	4.69	4.36	4.32	4.45
1950	4.20	4.02	4.11	4.19	4.58	4.73	5.16	5.01	4.44	4.15	4.24	4.34	4.43
1951	4.51	4.54	4.75	4.59	4.65	4.55	4.69	4.74	4.77	4.97	5.10	5.16	4.75
1952	5.20	5.30	5.37	5.41	5.53	5.62	5.69	5.85	6.08	5.80	5.46	5.34	5.55
1953	5.09	4.93	4.91	4.80	4.78	4.74	4.74	4.72	4.60	4.46	4.35	4.78	4.74
1954	4.86	5.01	5.30	5.53	5.99	5.67	5.77	5.80	5.52	4.81	4.77	4.79	5.32
1955	4.76	4.72	4.62	4.49	4.35	4.17	4.17	4.14	4.16	4.32	4.07	3.95	4.32
1956	3.97	3.92	3.84	3.92	4.20	4.29	4.27	4.13	4.04	3.87	3.86	3.86	4.01

Agricultural Marketing Service, U. S. Department of Agriculture.

Additional copies of the Soybean Blue Book may be purchased from the American Soybean Association, Hudson, Iowa, by members for \$1.

PRICES OF U. S. SOYBEAN OIL MEAL—(Continued)

Soybean Meal, 44 Percent Protein 1/

Average wholesale price per ton, bulk, at Decatur, 1940 to date 2/

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1940-41	19.80	24.40	23.50	23.65	20.50	20.75
1941-42	31.85	33.00	36.40	39.35	39.35	37.75
1942-43	35.60	39.50	31.90	32.25	32.50	33.50
1943-44	45.00	45.00	45.00	45.00	45.00	45.00
1944-45	45.00	45.00	45.00	45.00	45.00	45.00
1945-46	45.00	45.00	45.00	45.00	45.00	45.00
1946-47	71.40	82.90	71.30	64.10	56.00	70.25
1947-48	82.50	82.90	90.40	98.25	78.30	72.30
1948-49	56.25	69.50	67.50	62.70	56.10	56.85
1949-50	62.30	59.20	60.05	55.90	56.45	59.35
1950-51	54.05	61.45	64.70	63.90	69.25	67.00
1951-52	74.00	74.00	74.00	74.00	74.00	74.00
1952-53	81.10	74.75	71.90	67.90	64.90	66.40
1953-54	57.25	59.40	71.60	73.75	77.10	84.50
1954-55	65.25	67.70	68.25	67.10	65.60	61.50
1955-56	56.00	49.00	50.25	51.00	49.40	47.40
1956-57	45.70	47.40	46.95			

Year	Apr.	May	June	July	Aug.	Sept.	Average
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1940-41	21.40	22.00	23.60	27.70	30.10	35.30	24.40
1941-42	33.90	31.20	30.85	34.70	35.50	36.40	35.00
1942-43	33.50	33.50	33.50	33.50	45.00	45.00	35.75
1943-44	45.00	45.00	45.00	45.00	45.00	45.00	45.00
1944-45	45.00	45.00	45.00	45.00	45.00	45.00	45.00
1945-46	45.00	55.50	59.00	89.65	85.00	59.00	55.25
1946-47	64.80	60.10	69.40	81.20	82.55	93.80	72.30
1947-48	75.00	77.15	84.70	86.80	74.70	67.85	80.90
1948-49	61.25	60.40	65.25	74.50	91.60	71.35	66.10
1949-50	62.30	72.75	74.90	86.35	67.30	54.80	64.30
1950-51	62.00	63.40	64.40	68.80	64.60	69.75	64.45
1951-52	3/ 83.90	3/ 88.60	3/ 93.25	3/ 93.10	3/ 103.60	3/ 93.50	83.35
1952-53	64.40	66.75	65.90	65.25	62.00	59.60	67.55
1953-54	95.95	89.40	87.40	92.40	87.60	67.25	78.65
1955-56	53.00	60.05	60.75	54.80	52.10	46.90	52.55

1/ 41 percent 1940-50. 2/ Does not include bagging charges which averaged as follows by years: 1940-41 \$2.50; 1941-42 \$3.00; 1942-46 \$3.50; 1946-50 \$4.50; 1950-52 \$6.00; 1952-53 \$5.00; 1953-54 \$4.50. 3/ Soybean meal mix. Grain Division, Agricultural Marketing Service, U. S. Dept. of Agriculture.

SUNFLOWER BRAND

**Hexane Extracted
44% Soybean Meal**



CAR OR TRUCK LOTS

PHONE 3000 - EMPORIA, KANSAS

KANSAS SOYA PRODUCTS CO., INC.
EMPORIA, KANSAS

PRICES OF U. S. SOYBEAN OIL

SOYBEAN OIL, DOMESTIC CRUDE:

Average Price Per Pound in Tank Cars at Midwestern Mills, by Months, Oct. 1929 - Nov. 1956

Crop Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Season Ave.**
	cents	cents	cents	cents	cents	cents	cents	cents	cents	cents	cents	cents	cents
1929-30	10.7	9.7	8.8	8.4	8.4	8.4	9.0	8.9	8.9	9.3	9.3	9.3	9.1
1930-31	8.8	7.4	6.7	6.4	6.0	5.7	5.8	6.2	5.7	6.1	6.0	5.3	6.3
1931-32	5.1	4.4	3.8	3.3	3.2	3.1	3.0	3.0	3.0	3.1	3.1	3.2	3.4
1932-33	3.4	2.9	3.0	3.0	3.2	3.5	3.4	4.5	6.1	7.4	8.0	6.8	4.6
1933-34	6.0	6.2	6.2	5.6	5.6	5.9	6.0	6.0	5.5	5.8	5.7	5.8	5.9
1934-35	6.1	6.3	7.3	7.8	8.1	9.1	8.4	8.8	8.6	7.8	7.1	7.7	7.8
1935-36	8.1	8.1	8.1	7.6	7.2	6.8	6.8	6.3	6.0	7.9	8.0	8.2	7.4
1936-37	8.0	8.0	9.1	9.8	9.9	9.8	9.8	9.0	8.2				9.1
1937-38	5.8	5.6	5.2	5.8	6.1	6.4	5.9	5.7	5.2	5.9	5.7	5.2	5.7
1938-39	5.0	5.1	5.1	4.9	4.8	4.9	4.7	4.9	4.8	4.2	4.0	5.6	4.8
1939-40	5.0	4.7	5.3	5.2	5.4	5.6	5.5	5.0	4.7	4.6	4.2	3.9	4.9
1940-41	3.9	4.2	4.5	5.1	5.1	6.1	7.6	8.7	9.6	9.8	9.5	10.5	7.0
1941-42	10.4	9.8	10.1	11.4	11.7	11.8	11.8	11.8	11.6	11.2	11.4	11.7	11.2
1942-43	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
1943-44	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
1944-45	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
1945-46	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.6
1946-47	18.8	24.2	24.6	26.0	28.4	33.6	27.4	21.4	18.2	17.2	15.9	18.8	22.9
1947-48	20.7	25.6	26.2	26.6	19.6	21.4	24.5	26.1	27.3	22.1	22.1	22.8	23.8
1948-49	18.6	19.1	17.3	14.3	12.3	10.8	10.5	10.8	9.4	9.7	12.9	11.4	13.1
1949-50	10.1	9.6	10.2	10.8	11.4	12.8	13.1	13.8	13.2	12.9	14.5	15.0	12.3
1950-51	14.6	17.1	19.6	20.6	21.1	20.5	20.5	19.5	16.4	14.5	15.4	14.0	17.8
1951-52	13.8	13.2	12.6	11.2	10.7	10.2	9.1	10.1	11.2	11.3	11.5	11.2	11.3
1952-53	10.9	11.8	12.9	12.7	12.6	13.5	13.7	12.3	11.5	10.3	10.8	11.7	12.1
1953-54	13.3	13.6	12.6	12.1	12.5	13.3	14.1	13.9	14.2	14.1	14.8	13.5	13.5
1954-55	12.1	12.2	12.5	12.2	12.2	11.8	11.6	12.2	12.6	11.6	11.3	10.6	11.9
1955-56	10.9	11.0	10.9	11.7	12.8	14.3	14.9	15.3	13.6	12.5	11.4	11.3	12.6
1956-57	12.5	13.5											

* Source: Agricultural Marketing Service, U. S. Dept. of Agriculture. Monthly prices, Oct. 1929 through Sept. 1938, compiled from Oil Paint and Drug Reporter; Oct. 1938 through Dec. 1952 compiled from The National Provisioner; since February 1953 from Oil Paint and Drug Reporter. ** Simple average for months shown.

VOLUME OF FUTURES TRADING IN SOYBEANS, MEAL AND OIL

Volume of futures trading in soybeans, soybean oil, and soybean meal, all markets combined, calendar years, 1948-1952 average, 1953, 1954, 1955 and 1956

Commodity	Unit	1948-1952 Average	1953	1954	1955	1956
Soybeans	Million bushels	2,543	3,605	6,169	4,303	5,794
Soybean oil	Million pounds	1,641	3,122	5,397	4,301	12,456
Soybean meal	Thousand tons	1,353	2,519	5,975	5,551	6,925

Commodity Exchange Authority

PAT LOBBAN & CO.

Brokers

SOYBEAN OIL

Cotton Exchange Bldg.

Memphis, Tenn.

Telephones

Jackson 76511 — LD 446

IMPORTS, EXPORTS, SOYBEANS AND OIL

UNITED STATES: Exports of soybeans, soybean oil, and soybean cake and meal, marketing years October-September 1953-1954 through 1955-1956.

Country of destination	1953-54			1954-1955			1955-56 1)		
	Soybeans	Soybean oil 2)	Oil Cake and Meal	Soybeans	Soybean oil 2)	Oil Cake and Meal	Soybeans	Soybean oil 2)	Total Soybean Oil Cake and Meal
NORTH AMERICA									
Canada	4,708	15,309	28,738	8,107	23,217	72,638	8,844	25,171	197,113
Cuba	3)	3,258	13,957	3)	5,614	18,662	3)	10,509	23,163
Haiti		340			530			6,551	
Mexico		192	60	3)	294	172		5,463	204
Other		231	40		531	270		1,032	332
Total	4,708	19,330	42,795	8,107	30,186	91,742	8,844	48,726	220,812
EUROPE									
Austria			1,000				37		
Belgium									
Luxembourg	674	903	20	714	47	17,406	2,091	1,514	24,742
Denmark	612			2,886		24,950	4,223		21,510
Finland				164		8,929	335		7,363
France	881	413		2,370	1,064	4,591	1,575	816	6,880
Germany, Western	4,821	19,992	210	8,143	3,185	1,683	12,633	4,774	11,998
Greece					9,426			77,646	11
Iceland		268	375		221	1,440		351	1,657
Ireland			1,515			3,900			1,551
Italy	1	423		29		10,969	30	14,339	28,418
Netherlands	5,885	20,796	110	7,308		39,585	9,140	6,738	14,360
Norway	559			816		25,529	674		21,585
Spain						50		369,867	118
Sweden					520		555	93	11,976
Switzerland	21	5,784		372	92	1,219	50	1,434	1,543
United Kingdom	1,563	901	640	1,794	105	16,030	1,491	46	5,969
Other						1,504		55	
Total	15,017	49,480	3,870	25,116	14,140	158,340	32,372	477,543	159,736
SOUTH AMERICA									
Argentina							9		
Chile		278			322			26,998	
Colombia		32	20		829			265	
Ecuador		11			81			444	
Peru					7				
Venezuela		118	1,308		354	1,131		212	1,692
Other		103	14		176	79			76
Total		572	1,342		1,769	1,210	9	27,919	1,768
ASIA									
Israel	54	35		2,376		1,468			
Japan	16,021	35	17,537	20,350	243	18,455	20,402	126	13,628
Korea	176			115					
Philippines	129	11	958	59	45	1,833	49	6	3,888
Taiwan	3,219			4,321			3,516		
Other	317	9	16	52			43	40	
Total	19,916	90	18,511	27,273	288	20,288	25,478	172	17,516
AFRICA									
Algeria	22	119		104				3,868	
French Morocco									
Morocco		1,477		19	4,854			18,704	
Tangier		58			500			2,138	
Spanish Morocco								9,338	
Union of So. Africa		655			489			308	
Other				3)					
Total	22	2,309		123	5,843			34,356	
OCEANIA									
Australia		224				40			
Other				3)	73			54	30
Total		224			73	40		54	30
Grand Total	39,663	72,005	66,518	60,619 4)	52,398 4)	271,700 5)	66,751 5)	589,894 5)	400,109 5)

1) Preliminary. 2) Crude and refined oil in terms of crude oil. 3) Less than 500 bushels. 4) Includes 99,000 pounds of oil and 80 short tons of oil cake and meal whose destination is not indicated. 5) Includes 48,000 bushels of beans, 1,124,000 pounds of oil and 247 short tons of oil cake and meal whose destination is not indicated. Compiled from official records of the Bureau of the Census. U. S. Department of Agriculture, Foreign Agricultural Service, Fats and Oils Division.

IMPORTS, EXPORTS, SOYBEANS AND OIL—(Continued)

SOYBEANS: Inspections for overseas export by ports, by country of destination 1/

October-September 1955-56

Country	Phila- delphia	Balti- more	Norfolk	New Orleans	Mobile	Port Allen	Other Ports	Total 1955-56	Total 1954-55
(All data in bushels)									
United Kingdom		760,480	563,734				92,995	1,417,209	1,943,282
Wales		168,000						168,000	
Belgium	169,934	1,025,691	204,947	1,299,216	267,813	150,827	63,000	3,181,428	2,512,968
Holland	164,267	1,343,243	1,340,047	6,948,028	1,957,811	515,231		12,268,627	8,200,688
Denmark	429,002	1,267,236	821,332	1,306,555				3,823,625	2,799,739
Norway	93,333	233,704	503,999	39,400				860,236	815,222
Sweden									149,333
Finland	80,680	74,667						155,347	163,531
Portugal									42,964
West Germany	376,333	702,455	420,638	3,485,860	1,138,733	412,757	16,334	6,552,110	5,959,908
France				527,811	186,667	343,467		1,057,945	1,678,841
Italy	29,400							29,400	28,800
Algeria									60,627
French Morocco									18,667
Palestine									289,085
Israel				1,103,316	696,267			1,799,583	2,087,034
Philippines									31,943
Japan	461,816	657,468	612,536	15,019,913	839,347	3,575,440		21,117,120	20,746,006
Formosa				1,299,491	2,016,548	733,604		3,549,643	3,933,261
Korea				1,554,023				1,554,023	759,227
Other	833	232,433	535,066					768,332	711,726
Total 1955-56	1,804,598	6,455,377	5,002,299	32,582,913	7,103,786	5,181,326	172,329	58,302,628	
1954-55	1,683,715	4,203,997	8,558,409	35,880,917	2,768,209		238,105		52,933,352
Total									
1953-54	2,739,590	5,321,044	4,704,931	15,113,638	4,933,816		2,181,551	34,994,570	
1952-53	1,731,567	3,787,315	2,130,961	15,327,002	4,485,478		9,354	27,471,677	
1951-52	391,437	2,394,177	1,226,137	7,121,039	802,667		40,885	11,976,342	

1/ Data are based on weekly reports of inspections by licensed grain inspectors for overseas export and do not include shipments to Canada or Mexico. In some cases the ultimate destination of the soybeans exported is not shown on the inspection reports, therefore, the quantity of each country may vary from official census data which are based on custom declarations. NOTE: Official exports of soybeans during the 1955-56 crop year as reported by the Census Bureau totaled 67.2 million bushels of which 8.8 million bushels were shipped to Canada. AMS grain division.

UNITED STATES: Trade in soybeans and oil and total trade in fats and oils, oil equivalent, annual 1950-55 and January-October 1956

Calendar Year	Exports 1/			Imports	
	Total fats and oils	Soybeans and soybean oil	Percentage soy- beans and oil	Total fats and oils	Soybeans and soybean oil
	1,000 Pounds	1,000 Pounds	Percent	1,000 Pounds	1,000 Pounds
1950	2,025,032	491,105	24.3	1,340,643	30
1951	2,445,945	756,408	30.9	1,205,309	15
1952	2,278,164	459,418	20.2	978,542	6
1953	2,607,228	477,926	18.3	1,000,071	36
1954	3,881,448	547,770	14.1	991,212	196
1955	2/ 4,130,818	886,955	21.5	1,050,461	11
1956 Jan.-Oct.	2/ 3,997,387	1,036,308	25.9	721,059	16

1/ Figures include primary fats and oils, secondary fats and oils, butter, oil equivalent of oilseeds, oil equivalent of fats and oils products such as soap, shortening, etc., "Care," Section 416, and re-exports. They do not include shipments. 2/ Preliminary. U.S. Department of Agriculture, Foreign Agricultural Service, Fats and Oils Division.

VEGETABLE OIL EXPORTS UNDER P. L. 480

Cottonseed and soybean oils, total exports and the quantity shipped under Title I, P. L. 480 programs to date.

Period*	Under Title I		
	Total	Quantity	Percent of Total
	Mil. lb.	Mil. lb.	Percent
October 1954-September 1955	760	117	15
October 1955-September 1956	1,173	567	48
October 1955-December 1955	227	63	28
October 1956-December 1956	** 354	126	36
Total	2,287	811	35

*Exports under Title I began in May 1955. ** December is preliminary. Foreign Agricultural Service.

Edible vegetable oils: Title I, P. L. 480 authorizations completed or otherwise inactive.

Country	Purchase authorization number	Type and quantity shipped			Period shipped or remarks
		Cottonseed oil	Soybean oil	Total *	
		Mil. lb.	Mil. lb.	Mil. lb.	
Argentina	14-01	42.8	---	42.8	June-July 1955
"	14-02	156.8	---	156.8	Feb.-Aug. 1956
Chile	12-01	16.0	---	16.0	June-Aug. 1955
"	12-05	4.4	26.4	30.8	July-Oct. 1956
Colombia	25-02	6.3	---	6.3	Oct.-Nov. 1955
"	25-04	7.8	---	7.8	July-Aug. 1956
Greece	26-02	---	14.0	14.0	Nov.-Dec. 1955
"	26-10	---	36.4	36.4	Mar.-Dec. 1956
Iran	32-04	---	---	---	Lapsed
Israel	16-04	4.9	---	4.9	July-Sept. 1955
"	16-17	13.2	---	13.2	Mar.-Sept. 1956
Korea	24-11	---	---	---	Being cancelled
Italy	20-06	13.4	12.3	25.7	June-July 1956
Paraguay	36-03	2.0	---	2.0	Oct. 1956
Peru	13-02	8.0	---	8.0	Jan. 1956
Spain	17-03	26.7	---	26.7	July-Sept. 1955
"	17-06	6.3	56.2	62.5	Nov. 1955-Jan. 1956
"	17-07	40.6	42.3	82.9	Feb.-Apr. 1956
"	17-10	24.2	50.4	74.6	Apr.-July 1956
"	17-18	---	58.7	58.7	Aug.-Oct. 1956
"	17-23	---	45.2	45.2	Oct.-Nov. 1956
Turkey	10-06	27.1	---	27.1	June 1955
Total		400.5	341.9	742.4	

*Preliminary in some cases. Foreign Agricultural Service.

Lard, tallow and linseed oil: Title I, P. L. 480 authorizations completed or otherwise inactive.

Country	Purchase authorization number	Type and quantity shipped			Period shipped or remarks
		Lard	Tallow *	Linseed oil	
		Mil. lb.	Mil. lb.	Mil. lb.	
Austria	21-08	21.8	---	---	Mar.-July 1956
Brazil	28-02	10.4	---	---	Jan.-Aug. 1956
Chile	12-07	---	---	---	Lapsed
"	12-09	---	---	---	Lapsed
China, Rep. of	37-01	---	9.4	---	Sept.-Dec. 1956
Greece	26-18	---	---	---	Lapsed
Israel	16-23	---	**1.1	---	Dec. 1956
Korea	24-10	---	---	---	Lapsed
Paraguay	36-04	1.5	---	---	Oct. 1956
Spain	17-11	---	---	.6	May-June 1956
"	17-13	---	22.7	---	May-Dec. 1956
"	17-17	---	---	---	Cancelled
Yugoslavia	11-07	85.8	---	---	Feb.-July 1956
Totals		119.5	33.2	.6	

*Preliminary in some cases. **Probably complete although last shipping date was not until Jan. 31, 1957. Foreign Agricultural Service.

IMPORTS, EXPORTS CAKE AND MEAL

OILSEED CAKE AND MEAL: Imports and exports, United States, year beginning October 1929-55

Year begin- ning October	Imports					Total	Exports					Total
	Cotton- seed cake and meal	Soy- bean cake and meal	Lin- seed cake and meal	Pea- nut cake and meal	Copra cake and meal		Cotton- seed cake and meal	Soy- bean cake and meal	Lin- seed cake and meal	Pea- nut cake and meal	Copra cake and meal	
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1929	18.5	73.5	31.5	18.3	16.3	148.1	126.2	*	232.2	*	*	358.4
1930	.3	24.0	10.1	12.2	10.9	47.5	55.1	*	204.9	*	*	260.0
1931	1.1	18.6	12.3	12.3	4.6	38.9	218.9	*	169.2	*	*	388.1
1932	3.0	28.3	11.2	12.3	7.1	51.9	145.8	*	168.0	*	*	313.8
1933	5.0	25.0	8.7	1.2	27.9	67.8	63.1	*	241.7	*	*	304.8
1934	47.4	64.2	10.2	3.5	51.5	176.8	2.9	*	205.5	*	*	208.4
1935	5.7	20.0	17.2	1.9	49.3	94.1	10.6	*	210.6	*	*	221.2
1936	26.8	55.7	15.9	9.6	73.0	181.0	12.6	*	328.8	*	*	341.4
1937	4.6	15.5	5.3	2.2	39.8	67.4	88.5	*	240.3	*	*	328.8
1938	4.4	12.3	7.8	10.5	53.9	88.9	11.6	35.0	286.6	*	*	333.2
1939	33.0	12.1	1.3	9.8	88.4	144.6	4.9	62.3	146.7	*	*	213.9
1940	52.2	8.1	.6	7.5	84.0	152.4	.9	25.4	4.8	*	*	31.1
1941	37.3	0	.2	7.1	22.6	67.2	1.1	19.7	11.1	*	*	31.9
1942	46.8	0	1.0	4.6	0	52.4	1.7	20.9	4.2	.1	.1	27.0
1943	96.3	0	2.5	3.6	0	102.4	.6	16.1	1.5	.1	.1	18.4
1944	87.4	0	10.0	2.5	.1	100.0	‡	10.0	.7	.4	.1	11.2
1945	47.6	‡	1.2	3.1	1.5	53.4	‡	.9	.3	.1	.1	1.4
1946	15.6	0	‡	1.1	.5	17.2	5.3	141.7	4.6	26.2	5.1	182.9
1947	13.8	0	8.8	3.1	7.0	32.7	9.6	95.7	28.5	3.7	0	137.5
1948	39.4	3.2	8.1	.9	44.3	95.9	121.7	150.1	54.0	21.1	0	346.9
1949	104.8	26.1	4.8	6.2	56.4	198.3	123.6	47.4	6.5	48.9	0	226.4
1950	90.7	32.8	1.0	1.1	65.8	191.4	13.2	181.1	29.2	24.0	.3	247.8
1951	201.9	24.1	23.3	5.2	104.2	358.7	35.0	41.8	7.0	2.2	‡	86.0
1952	135.6	41.1	26.4	3.5	96.5	303.1	55.2	46.8	‡	‡	‡	102.0
1953	69.8	15.6	.6	.7	79.8	166.5	63.2	66.5	31.0	1.4	*	162.2
1954	32.3	0	0	0	62.8	95.1	167.9	273.6	76.2	1.6	*	519.3
1955	59.4	0	0	0	44.9	104.3	155.7	400.1	152.6	18.1	*	726.5

†Calendar year following. *Not separately reported. ‡Less than 50 tons. Compiled from data of the Bureau of Foreign and Domestic Commerce, and Bureau of the Census. Table prepared by the Agricultural Marketing Service, U. S. Dept. of Agriculture.

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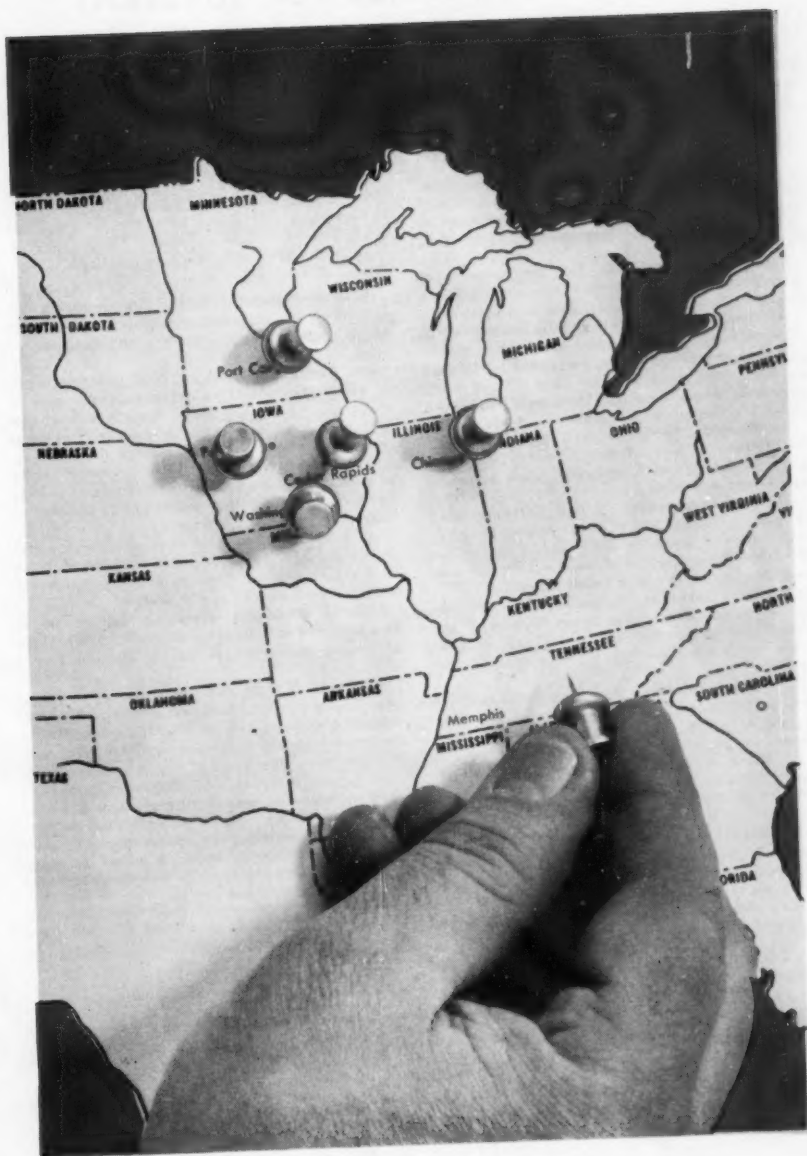


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OFFICIAL STANDARDS FOR SOYBEANS

Revised effective Sept. 1, 1955

Sec.

26.601 Terms defined.

26.602 Principles governing application of standards.

26.603 Grades, grade requirements, and grade designations.

AUTHORITY: §§ 26.601 to 26.603 issued under sec 8, 39 Stat. 485; 7 U. S. C. 84. Interpret or apply sec. 2, 39 Stat. 482, as amended; 7 U. S. C. 74.

§ 26.601 **Terms defined.** For the purposes of the official Grain Standards of the United States for soybeans:

(a) **Soybeans.** Soybeans shall be any grain which consists of 50% or more of whole or broken soybeans which will not pass readily through an 8/64 sieve and not more than 10% of other grains for which standards have been established under the United States Grain Standards Act.

(b) **Classes.** Soybeans shall be divided into the following five classes: Yellow soybeans, green soybeans, brown soybeans, black soybeans, and mixed soybeans.

(c) **Yellow soybeans.** Yellow soybeans shall be any soybeans which have yellow or green seedcoats, and which in cross section are yellow or have a yellow tinge, and may include not more than 10% of soybeans of other classes.

(d) **Green soybeans.** Green soybeans shall be any soybeans which have green seedcoats, and which in cross section are green, and may include not more than 10% of soybeans of other classes.

(e) **Brown soybeans.** Brown soybeans shall be any soybeans with brown seedcoats, and may include not more than 10% of soybeans of other classes.

(f) **Black soybeans.** Black soybeans shall be any soybeans with black seedcoats, and may include not more than 10% of soybeans of other classes.

(g) **Mixed soybeans.** Mixed soybeans shall be any mixture of soybeans which does not meet the requirements of the classes yellow soybeans, green soybeans, brown soybeans, or black soybeans. Bicolored soybeans shall be classified as mixed soybeans.

(h) **Grades.** Grades shall be the numerical grades, sample grade, and special grades provided for in § 26.603.

(i) **Bicolored soybeans.** Bicolored soybeans shall be soybeans with seedcoats of two colors, one of which is black or brown.

(j) **Splits.** Splits shall be pieces of soybeans that are not damaged.

(k) **Damaged kernels.** Damaged kernels shall be soybeans and pieces of soybeans which are heat-damaged, sprouted, frosted, badly ground-damaged, badly weather-damaged, moldy, diseased, or otherwise materially damaged.

(l) **Heat-damaged kernels.** Heat-damaged kernels shall be soybeans and pieces of soybeans which are materially discolored and damaged by heat.

(m) **Foreign material.** Foreign material shall be all matter, including soybeans and pieces of soybeans, which will pass readily through an 8/64 sieve and all matter other than soybeans remaining on such sieve after sieving.

(n) **Stones.** Stones shall be concreted earthy or mineral matter and other substances of similar hardness that do not disintegrate readily in water.

(o) **8/64 sieve.** An 8/64 sieve shall be a metal sieve 0.032 inch thick perforated with round holes 0.125 (8/64) inch in diameter with approximately 4,736 perforations per square foot.

§ 26.602 **Principles governing application of standards.** The following principles shall apply in the determination of the classes and grades of soybeans:

(a) **Basis of determination.** Each determination of class, splits, damaged kernels, and heat-damaged kernels, and of black, brown, and/or bicolored soybeans in Yellow or Green Soybeans, shall be upon the basis of the grain when free from foreign material. All other determinations shall be upon the basis of the grain as a whole.

(b) **Percentages.** All percentages shall be upon the basis of weight. The percentage of splits shall be expressed in terms of whole percents. All other percentages shall be expressed in terms of whole and tenths percents.

(c) **Moisture.** Moisture shall be ascertained by the air-oven method prescribed by the United States Department of Agriculture, as described in

Grade	Minimum test weight per bushel	Moisture	Splits	Maximum limits of			Brown, black, and/or bicolored soybeans in yellow or green soybeans
				Damaged kernels Total	Heat damaged	Foreign material	
	Pounds	%	%	%	%	%	%
1	56	13.0	10	2.0	0.2	1.0	1.0
2	54	14.0	20	3.0	0.5	2.0	2.0
3 1	52	16.0	30	5.0	1.0	3.0	5.0
4 2	49	18.0	40	8.0	3.0	5.0	10.0

Sample grade: Sample grade shall be soybeans which do not meet the requirements for any of the grades from No. 1 to No. 4, inclusive; or which are musty, sour, or heating; or which have any commercially objectionable foreign odor; or which contain stones; or which are otherwise of distinctly low quality.

¹ Soybeans which are purple mottled or stained shall be graded not higher than No. 3. ² Soybeans which are materially weathered shall be graded not higher than No. 4.

STANDARDS FOR SOYBEANS—(Continued)

Service and Regulatory Announcement No. 147, issued by the Agricultural Marketing Service, or ascertained by any method which gives equivalent results.

(d) **Test weight per bushel.** Test weight per bushel shall be the weight per Winchester bushel as determined by the method prescribed by the United States Department of Agriculture, as described in Circular No. 921 issued June 1953, or as determined by any method which gives equivalent results.

§ 26.603 **Grades, grade requirements, and grade designations.** The following grades, grade requirements, and grade designations are applicable under these standards:

(a) **Grades and grade requirements for soybeans** (see also paragraph (c) of this section).

(b) **Grade designation.** The grade designation for soybeans shall include in the order named the number of the grade or the words "Sample grade," as the case may be; the name of the class; and the name of each applicable special grade. In the case of mixed soybeans the grade designation shall also include, following the name of the

class, the approximate percentages of yellow, green, brown, black, and bicolored soybeans in the mixture.

(c) **Special grades, special grade requirements and special grade designation for soybeans—**

(i) **Garlicky soybeans—(i) Requirements.** Garlicky soybeans shall be soybeans which contain 5 or more garlic bulblets in 1,000 grams.

(ii) **Grade designation.** Garlicky soybeans shall be graded and designated according to the grade requirements of the standards applicable to such soybeans if they were not garlicky and there shall be added to and made a part of the grade designation the word "garlicky."

(2) **Weevily soybeans—(i) Requirements.** Weevily soybeans shall be soybeans which are infested with live weevils or other live insects injurious to stored grain.

(ii) **Grade designation.** Weevily soybeans shall be graded and designated according to the grade requirements of the standards applicable to such soybeans if they were not weevily, and there shall be added to and made a part of the grade designation the word "weevily."

SOY FLOUR STANDARDS

	Full-Fat Soy Flour	Low-Fat Soy Flour	Defatted Soy Flour
Protein (Nx6.25)*	40.0% Min.	45.0% Min.	50.0% Min.
Protein (Nx5.7)*	36.5% Min.	41.0% Min.	45.0% Min.
Fat (Ether Extract)*	18.0% Min.	4.5% Min. 9.0% Max.	2.0% Max.
Fibre*	3.0% Max.	3.3% Max.	3.5% Max.
Moisture	8.0% Max.	8.0% Max.	8.0% Max.
Ash*	5.5% Max.	6.5% Max.	6.5% Max.

Screen—97% through No. 100 U. S. Standard Screen for each of the above. *Moisture free basis. Approved and adopted by the Soya Food Research Council.

DEFINITION

The products shall be processed from high quality, sound, clean, dehulled yellow soybeans as defined in the United States Grain Standards Act. The soybeans shall be subjected to a thorough initial cleaning operation that shall substantially remove all foreign material. Disagreeable flavors and odors shall be removed

by subjecting the soy material to adequate processing.

Soy flour shall be prepared and packaged under modern sanitary conditions.

The soy flour shall be free from burnt, musty, rancid or other undesirable flavors or odors; free from burnt, scorched, or grayish color; and free from insects, insect webbing, dirt or other extraneous matter.

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HUDSON, IOWA

RECOMMENDED FERTILIZATION AND SEEDING PRACTICES FOR SOYBEANS

State	Seeding Practices		Fertilization Practices		Ratio
	Rate Per Acre (Pounds)	Row Spacing (Inches)	Application Method	Rate Per Acre (Pounds)	
Alabama	45-90 Row 60 Broadcast	30-42	Row and Broadcast	0-400 (Soil Test)	4-10-7 0-1-1
Delaware	50-60	30-42	Banded	200-300	0-1-1
Florida					0-1-1
Gainesville	60-90	30-38	Broadcast or Banded	400-500	1-4-4
Mobile Unit	90	24-36	Drill $\frac{1}{2}$ Broadcast $\frac{1}{2}$	300-400 400-600	0-1-1 1-3-3
Georgia	40-50	38-40 or Broadcast	Broadcast or Row	300-500	1-3-3 1-4-4 1-6-6
Illinois	60	40	Row	100-200	0-1-3 0-1-2 1-4-4
Indiana	45-60	28		100-150	0-1-1
Minnesota	60-90	24-28	(1)	100-150(1)	1-4-4 1-4-2 1-2-2 0-1-1
Mississippi	60-75	Same as for other crops	Drill at Planting	300-400	0-1-1
Nebraska	60 75-90	40 20-24	No standard practice	(2)	(2) 1-2-2
New Jersey	45-60 Row 75-90 Broadcast	18-36	Row Broadcast	Up to 200 400-600	
New York	60 Row 120 Broadcast	35 7	Grain Drill	200	1-2-2
Pennsylvania	30 Row 120 Broadcast	30-38	(2)	200-300	0-1-1 1-1-1
South Carolina	50-60	30-42	Row	400-600	1-3-6 1-4-4
Tennessee	30-60	30-42	Row at Planting	200-300	1-4-4
Texas	45	40-42	Row at Planting	500	1-4-4
West Virginia	30-50	30-36	Broadcast Before Planting	200-400	1-3-1
Wisconsin	60	24-42	Row and Broadcast	0-200	0-1-1

(1) Minnesota recommends that fertilizer be placed on previous crop of corn; that 100-150 pounds be applied in the row at planting time when soil test shows that P and K are low. (2) Not reported. From Plant Food Review.

LEADING SOYBEAN VARIETIES

Characteristics and performance of most widely grown varieties. List prepared by agronomists in soybean producing states.

NORTHERN VARIETIES

(Listed in order of maturity)

Acme is approximately 10 days earlier than Flambeau. It has gray pubescence (short hairs on stems, leaves and pods), purple flowers and yellow seed and hilum (seed scar). Normally two to three seeds per pod. Grows erect, strong straw.

Flambeau, developed by the Wisconsin Agricultural Experiment Station from a Russian introduction; released in 1944; the earliest maturing recommended variety grown in the United States. Brown pubescence, purple flowers, yellow seeds with a black hilum.

Goldsoy, developed by the Ontario Agricultural College as a selection from O.A.C. No. 211; released about 1940; matures 2 days later than Flambeau; characterized by poor resistance to lodging. Gray pubescence, purple flowers, yellow seeds with a yellow hilum.

Norchief, developed by the Wisconsin Agricultural Experiment Station in cooperation with the U. S. Regional Soybean Laboratory from the cross Flambeau x Hawkeye; released in 1954; matures 1 day later than Goldsoy; an erect, high-yielding, high-oil-content variety for the far northern United States. Brown pubescence, purple flowers, yellow seeds with a black hilum.

Comet, developed by the Division of Forage Plants, Central Experimental Farm, Ottawa, Ontario, Canada, from the cross Pagoda x Mandarin; released in 1954; matures 2 days later than Norchief. Gray pubescence, purple flowers, yellow seeds with a yellow hilum.

Grant, developed by the Wisconsin Agricultural Experiment Station in cooperation with the U. S. Regional Soybean Laboratory, from the cross Lincoln x Seneca; released in 1955; matures 2 days later than Comet; a high-yielding, high-oil-content variety with medium lodging resistance. Light brown pubescence, white flowers, yellow seeds with a black hilum.

Mandarin (Ottawa), developed by the Central Experimental Farm, Ottawa, Ontario, Canada, as a selection from Mandarin; released about 1930; matures at the same time as Grant. Gray pubescence, purple flowers, yellow seeds with a yellow hilum.

Hardome, developed by the Dominion Experimental Farm, Harrow, Ontario, Canada, from the backcross Mandarin x (Mandarin x A.K.); released in 1953; matures at the same time as Grant and Mandarin (Ottawa). Gray pubescence, purple flowers, yellow seeds with a gray hilum.

Capital, developed by the Central Experimental Farm, Ottawa, Ontario, Canada, from the cross of strain No. 171 x A.K. (Harrow); released in 1944; matures 1 day later than Grant; has tendency to lodge. Brown pubescence, purple flowers, yellow seeds with a light brown hilum.

Chippewa, developed by the Illinois Agricultural Experiment Station in cooperation with the U. S. Regional Soybean Laboratory from the backcross Lincoln x (Lincoln x Richland); released in 1954; matures 2 days later than Capital; has high yield and high oil content with good

resistance to lodging and good seed quality. Brown pubescence, purple flowers, yellow seeds with a black hilum.

Renville, developed by the Minnesota Agricultural Experiment Station in cooperation with the U. S. Regional Soybean Laboratory from the backcross Lincoln x (Lincoln x Richland); released in 1952; matures at the same time as Chippewa. Gray pubescence, white flowers, yellow seeds with a light brown hilum.

Harly, developed by the Dominion Experimental Farm, Harrow, Ontario, Canada, from the cross Mandarin x A.K. (Harrow); released in 1948; matures 1 day later than Renville; a tall variety with good lodging resistance and good seed quality, but with low oil content. Gray pubescence, purple flowers, yellow seeds with a yellow hilum.

Monroe, developed by the Ohio Agricultural Experimental Station in cooperation with the U. S. Regional Soybean Laboratory from the cross Mukden x Mandarin; released in 1949; matures 2 days later than Harly. Gray pubescence, white flowers, yellow seeds with a yellow hilum.

Blackhawk, developed by the Iowa Agricultural Experimental Station in cooperation with the U. S. Regional Soybean Laboratory from the cross Mukden x Richland; released in 1951; matures 2 days later than Monroe. Gray pubescence, white flowers, yellow seeds with a light brown hilum.

Earlyana, developed by the Purdue Agricultural Experiment Station as a selection from a natural cross in the Dunfield variety; released in 1943; matures 2 days later than Blackhawk; has a tendency to lodge excessively. Brown pubescence, purple flowers, yellow seeds with a yellow hilum.

Harosoy, developed by the Dominion Experimental Station, Harrow, Ontario, Canada, from the backcross Mandarin x (Mandarin x A.K.); released in 1951; matures 1 day later than Earlyana; characterized by consistently high yield in its area of adaptation. Gray pubescence, purple flowers, yellow seeds with a yellow hilum.

Hawkeye, developed by the Iowa Agricultural Experiment Station in cooperation with the U. S. Regional Soybean Laboratory from the cross Mukden x Richland; released in 1948; matures 3 days later than Harosoy; characterized by good yield, exceptionally high lodging resistance, good seed quality, and high oil content. Gray pubescence, purple flowers, yellow seeds with a black hilum with brown outer ring.

Harman, developed by the Dominion Experimental Farm, Harrow, Ontario, Canada, as a selection from the variety Manchus; released in 1944; matures about the same time as Hawkeye. Brown pubescence, purple flowers, yellow seeds with a black hilum.

Adams, developed by the Iowa Agricultural Experimental Station in cooperation with the U. S. Regional Soybean Laboratory from the cross Illini x Dunfield; released in 1949; matures 3 days later than Hawkeye; very high oil content and good yield. Gray pubescence, white flowers, yellow seeds with a light brown hilum.

Lincoln, developed by the Illinois Agricultural Experiment Station in cooperation with the U. S. Regional Soybean Laboratory from the cross Mandarin x Manchus; released in 1944; matures 3 days later than Adams. Brown pubescence, white flowers, yellow seeds with a black hilum.

NORTHERN VARIETIES—

(Continued)

Clark, developed by the Illinois Agricultural Experiment Station in cooperation with the U. S. Regional Soybean Laboratory from the backcross Lincoln x (Lincoln x Richland); released in 1953; matures 5 days later than Lincoln; characterized by exceptionally high yield in its area of adaptation, with good resistance to lodging and good oil content. Brown pubescence, purple flowers, yellow seeds with black hilum.

Wabash, developed by the Purdue Agricultural Experiment Station in cooperation with the U. S. Regional Soybean Laboratory from the cross Dunfield x Mansoy; released in 1949; matures a day later than Clark. Gray pubescence, white flowers, yellow seeds with a light brown hilum.

Chief has averaged approximately a week later in maturity than Lincoln, grows tall and is characterized by relatively poor resistance to lodging, gray pubescence, purple flowers, and normally two- to three-seeded pods. Chief beans are straw yellow and have a slate colored hilum with a brown outer ring.

Perry, developed by the Purdue Agricultural Experiment Station in cooperation with the U. S. Regional Soybean Laboratory from the cross Patoka x L37-1355; released in 1952; matures 5 days later than Wabash. Gray pubescence, purple flowers, yellow seeds with a black hilum with brown outer ring.

SOUTHERN VARIETIES

(Listed in order of maturity)

Dorman has averaged 7-10 days later than Perry and 14-18 days earlier than Ogden. Dorman is best adapted on the heavy clay Mississippi Delta soils of southeastern Missouri, Arkansas, Mississippi, and northeast Louisiana. It is also well adapted for production in the northeast quarter of Oklahoma, western Tennessee, and in the Coastal Plain area of Virginia. In these areas, Dorman yields will equal or surpass those for Ogden.

In its area of best adaptation, Dorman is of moderate height, but as it is moved farther north it grows taller and lodging is increased. In the Ohio Valley of Kentucky and on the eastern shore of Maryland, lodging is frequently greater than is desired unless planting rate is held down to six to nine seeds per foot of row. Dorman holds its seed well, has yellow seed of excellent quality and is high in oil content. The plants have heavy foliage and medium-sized stems, which dry out uniformly at maturity.

The primary advantage of an early variety

such as Dorman, where later varieties can be grown, is to lengthen the harvest period and thus permit harvesting a greater acreage per combine. Production of varieties differing in maturity also distributes weather hazards of production and harvesting.

Dorman has white flowers, gray pubescence, a light pod wall and the seed has a light brown hilum.

S-100 is comparable to Dorman in maturity. It has given its best performance in southeastern Missouri. In more southern or eastern areas, S-100 has a tendency to produce plants with heavy stems which remain green after the seed is mature. This causes difficulty in combining. Its tall, narrow growth type does not shade out weed growth during the latter part of the growing season. S-100 averages lower in oil content than any other commonly grown varieties. Seed quality is frequently very poor. S-100 has white flowers, gray pubescence, a dark gray pod wall, and the seed has a brown hilum.

Dortchsoy 67 averages approximately 5 days later in maturity than Dorman. Dortchsoy 67 is, in general, adapted to the same production area as Dorman. It has heavy foliage and gives good ground cover during the growing season. Stems are of moderate size. Seed is yellow and usually of good quality. Dortchsoy 67 does not hold its seed as well as Dorman. Dortchsoy 67 has white flowers, gray pubescence, a dark gray pod wall, and seed has a light brown hilum.

Ogden has been the most widely grown variety in the South but is rapidly being replaced by newer varieties. Under dry conditions, Ogden shatters readily. Seed of Ogden has green seedcoats which are not desired by some foreign markets. The moderate height of Ogden makes it easy to combine. Its heavy foliage aids appreciably in keeping down late-season weeds and grasses.

The Ogden selections Dortchsoy 2 and Hale Ogden 2 are similar to the Ogden variety. Ogden has purple flowers, gray pubescence, a dark gray pod wall and the seed has a dark brown hilum.

Lee is a new variety similar in plant type to Ogden, but averages 5-7 days later in maturity. Lee is superior to Ogden in seed holding, seed quality, and seed yield. It has shown very little shattering 8 to 10 weeks after maturity. It is resistant to the diseases bacterial pustule, wild-fire, frog-eye, and purple seed stain. It is moderately resistant to the leaf disease target spot.

Lee is adapted to the same general area as where Ogden has been grown, except that its superior seed-holding qualities will permit it to be grown on the high plains of Texas and the irrigated valleys of southern California and

BEST ADAPTED VARIETIES

The map on opposite page shows the latest recommendations of agronomists in the soybean growing regions of the United States. Do not plant varieties north or south of their recommended latitudes.

SOUTHERN VARIETIES

(Continued)

Arizona. Lee will be rather short for production on the lighter soils of south Alabama and west Florida.

Lee has purple flowers, tawny pubescence, a light tan pod wall, and the seed is yellow with a black hilum.

Roanoke averages 7-9 days later than Lee and grows 8-10 inches taller. In areas where Lee makes adequate growth, Roanoke will average lower in yield. As Lee replaces Ogden as a major variety, there is less need for a later-maturing variety because of the seed-holding qualities of Lee.

Because of its taller growth, Roanoke is preferable to Lee on the lighter soils of south Alabama and west Florida and in extremely late plantings in more northern areas.

Roanoke has white flowers, gray pubescence, a dark gray pod wall, and the seed is yellow with a light brown hilum.

Volstate is similar in general appearance and maturity to Roanoke but has averaged lower in both yield and oil content.

Jackson is a recently released variety, well adapted for production in south Mississippi, south Alabama, west Florida, and the Upper Coastal Plain soils of North Carolina, South Carolina and Georgia. Jackson is 1 or 2 days later than Roanoke and 10 days later than Lee. It grows slightly taller, but stands better than Roanoke. In its area of best adaptation, Jackson will usually yield slightly more than Lee and its taller growth permits greater ease in combining. Jackson is well suited for growing after oats or lupines.

Jackson yields well in the Delta area, but its taller growth makes it more difficult to combine

than Lee. It is moderately resistant to target spot and has a lower degree of susceptibility to wildfire than other commonly grown varieties. Jackson will usually hold its seed very well for several weeks after reaching combine maturity, but under drouthy conditions on light soil, it has shown some tendency to shatter.

Jackson has white flowers, gray pubescence, a dark gray pod wall, and the yellow seed has a brown hilum.

CNS matures approximately 3 days later than Jackson. Seed yield is usually less than that for Lee or Jackson, except in central Florida. CNS holds its seed quite well. Seed is much lower in oil content than other commonly grown varieties.

CNS-4 is similar in its characteristics and performance to CNS, except that seed of CNS has a brown hilum and CNS-4 has a black hilum. Both strains are of moderate height.

CNS-24, or sometimes referred to as Clemson Strain 24, is similar to CNS in maturity and many of its characteristics, but grows much taller.

J.E.W. 45 matures 6-8 days later than Jackson. It makes moderate growth and produces good seed yields in the lower Southeast. J.E.W. 45 has purple flowers, tawny pubescence, a light tan pod wall, and has yellow seed with a brown hilum.

Improved Pelican is a late-maturing, rank growing variety developed primarily to produce a heavy tonnage of green material for turning under in sugar cane fields. Because of its rank growth, Improved Pelican is difficult to combine, especially if planted too early. When planted in late June or early July, Improved Pelican can be combined with greater ease and will produce good yields of high quality seed. It has purple flowers, tawny pubescence, a brown pod wall, and yellow seed with a brown hilum.

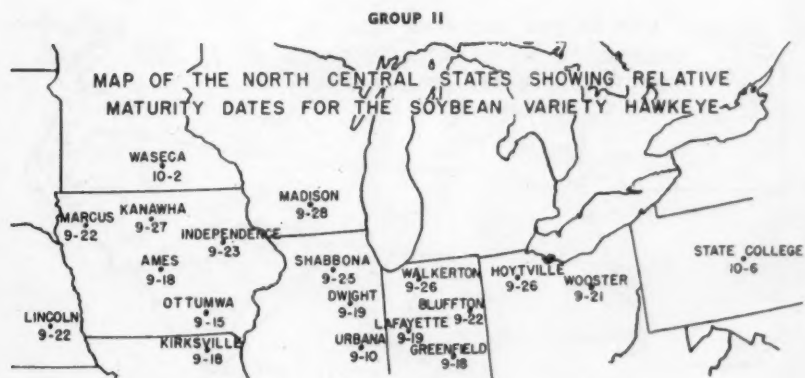
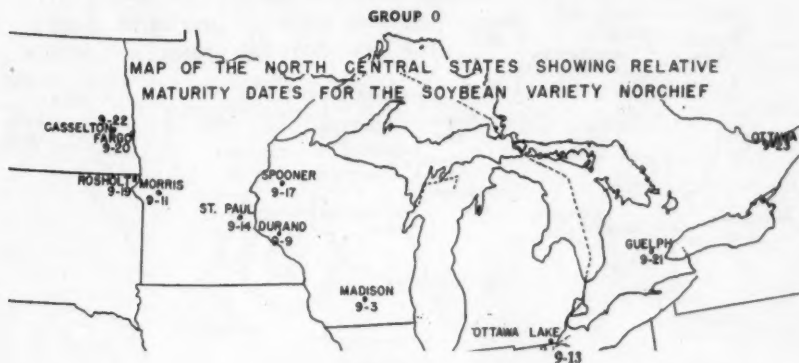
RELATIVE MATURITY OF SOYBEAN VARIETIES

Relative maturity of commonly grown soybean varieties, expressed as days earlier (—) or later (+) than a reference variety. See maps on following pages for reference varieties.

GROUP O		GROUP IV	
Acme	—13	Clark	0
Flambeau	—3	Chief	0
Goldsoy	—1	Wabash	+1
Norchief	0	Perry	+6
Comet	+2		
Grant	+4	GROUP IV SOUTH	
Mandarin	+4	Clark	—7
Hardome	+4	Wabash	—7
Capital	+5	Perry	0
GROUP I		GROUP V	
Capital	—2	Dorman	0
Renville	0	S-100	+2
Chippewa	0	Dortchsoy 67	+2
Harly	+1		
Monroe	+3	GROUP VI	
Blackhawk	+5	Ogden	—7
GROUP II		Lee	0
Blackhawk	—6	GROUP VII and VIII	
Earlyana	—4	Lee	—8
Harosoy	—3	Roanoke	—2
Hawkeye	0	Volstate	—2
Harmon	0	Jackson	0
Adams	+3	J.E.W. 45	+2
GROUP III		CNS 4	+3
Adams	—3	Improved Pelican	+5
Lincoln	0		
Clark	+5		

Data and maps furnished by U. S. Regional Soybean Laboratory.

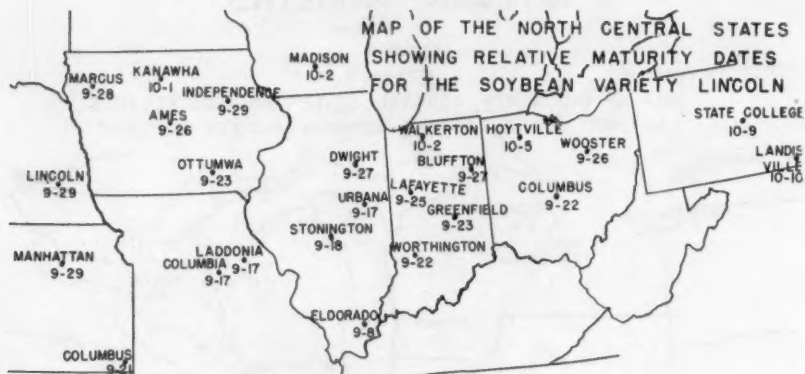
AVERAGE MATURITY DATES OF LEADING SOYBEAN VARIETIES



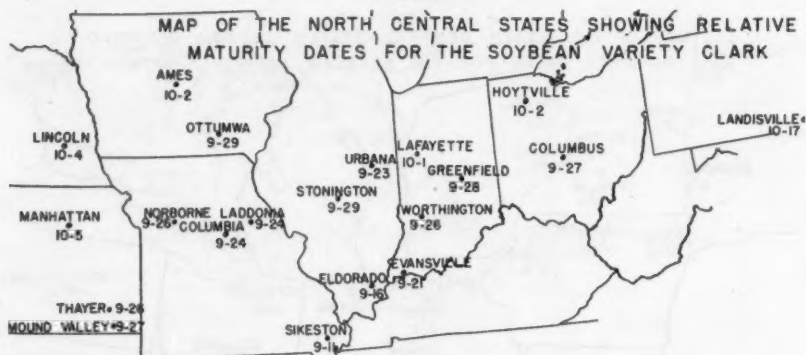
Dates based on 5-year average at most locations.

AVERAGE MATURITY DATES OF LEADING SOYBEAN VARIETIES— (Continued)

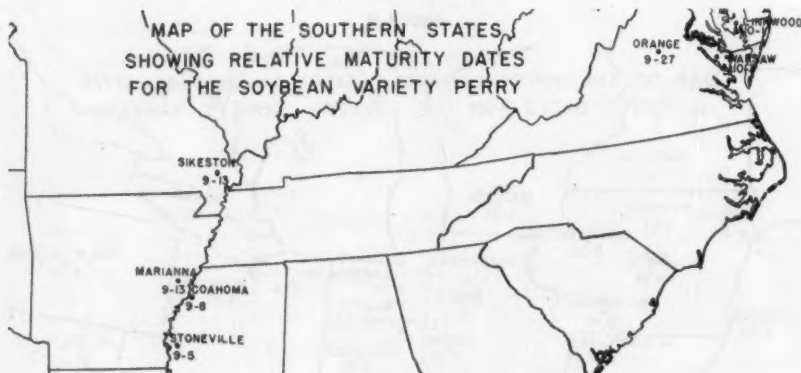
GROUP III



GROUP IV



GROUP IV SOUTH

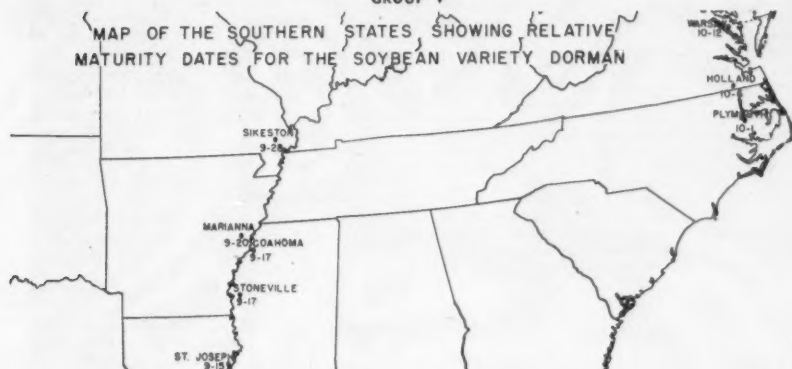


Dates based on 5-year average at most locations.

AVERAGE MATURITY DATES OF LEADING SOYBEAN VARIETIES— (Continued)

GROUP V

MAP OF THE SOUTHERN STATES SHOWING RELATIVE
MATURITY DATES FOR THE SOYBEAN VARIETY DORMAN



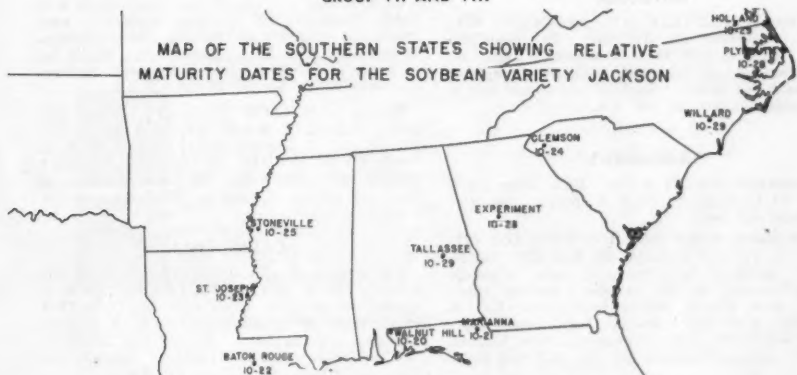
GROUP VI

MAP OF THE SOUTHERN STATES SHOWING RELATIVE
MATURITY DATES FOR THE SOYBEAN VARIETY LEE



GROUP VII AND VIII

MAP OF THE SOUTHERN STATES SHOWING RELATIVE
MATURITY DATES FOR THE SOYBEAN VARIETY JACKSON



Dates based on 5-year average at most locations.

PROCESSORS OF SOYBEANS

Officers of firms are listed as follows: (1) president; (2) vice president; (3) secretary; (4) treasurer; (5) head soybean buyer; (6) oil sales manager; (7) plant superintendent; (8) meal sales manager; (9) plant manager. Brand names are in quotation marks. Type of processing equipment, tons per day, processing capacity, total storage capacity, phone numbers, and railroads serving the individual plant are listed. Information was obtained through questionnaires sent directly to processing companies. These listings are as complete as it was possible to assemble. They contain all available information but the publishers of the Soybean Blue Book will not be responsible for any omissions which may have been unavoidably made. Established policy of some firms makes unavailable more complete information than is carried in this directory.

ALABAMA

Birmingham—FARMERS & GINNERS COTTON OIL CO., Box 1408, Ave. F and 8th St. (1, 5, 8) J. V. Kidd; (2) E. P. Kidd; (2, 8) J. W. Kidd; (3, 4) C. L. Alsbrook; (7) E. A. Christie. Storage cap. 400,000 bu. 41% soybean oil meal. Served by BB, L&N RR.

Dothan—DOTHAN OIL MILL CO., P. O. Drawer 458. Ph. LD 1, 28800, 30900, 39840. (1) J. B. Roberts; (2) W. T. Street; (3, 4) W. D. Malone; (5) J. H. Bryson, Jr.; (6, 8) R. B. Bryson; (7) E. L. Dillard. 2 screw pr., Anderson Exsoler process, hexane solv., cap. 90 t. Storage cap. 4,000 t. Served by ACL, CG, A&SA RR.

Foley—BALDWIN OIL MILLS, INC., Ph. 8901. Affiliate of Sessions Co. (1) H. M. Sessions; (2, 5, 6, 8, 9) E. E. Purvis; (3, 4) Paul Kaiser, Jr.; (7) Harold Adcock. Hexane solv., cap. 65 t. Storage cap. 198,000 bu. "Baldwin Oil Mills" soybean oil meal; "Gateway" mixed feeds. Served by L&N RR.

Montgomery 1—BUCKEYE CELLULOSE CORP., Dist. mgr., J. M. Sewell; (7) P. W. Anderson.

Selma—BUCKEYE CELLULOSE CORP., Dist. mgr., J. M. Seymour; (7) D. T. Thompson.

ARIZONA

Gilbert—VEGETABLE OIL PRODUCTS CO., INC., cottonseed oil mill div. Ph. Woodland 48678. (2, 5, 6, 7, 9) M. H. Connley. 4 exp., cap. 50 t. Storage cap. 60,000 bu. "Sun Ripe" soybean oil meal and pellets. Soybean operations 3,000 t. annually. Served by SP RR.

ARKANSAS

Blytheville—SWIFT & CO., Main office Chicago. (7) L. S. Janet; (9) J. E. Dicks. "Swift's" soybean oil meal.

Fort Smith—FORT SMITH COTTON OIL CO., INC., S. 6th and I St., P. O. Box 819. Ph. Su 2-0351. (1, 9) W. H. Lillard; (2) exec., in charge of production, M. E. Vaughan; protein sales, Mrs. Bess Hamil; mixed feed plant, Jos. E. Allhoff; gen. supt., W. A. Pugh; asst. supt., Burl Blackshire; supt. soybean mill, Geo. Wasson. 6 exp. and 16 hydraulic pr. On MP and SLSF RR sidings.

Helena—HELENA COTTON OIL CO., INC., Ph. 4-2323. (1) O. W. Howe; (3) T. R. Kelly; (9) Joe C. Brady. Hexane solv., cap. 100 t. Storage cap. 1,000,000 bu. "Helco" soybean oil meal and pellets. Served by MP, IC RR.

Little Rock—BUCKEYE CELLULOSE CORP., Dist. mgr., F. H. Jarrell; (7) J. M. Johnson.

Little Rock—ROSE CITY COTTON OIL MILL CO., Box 950. (1) A. B. Cobb; (2) W. G. Alexander; (3) W. F. Bates; (4) W. M. Bruce, Jr.; (7) Louis S. Ouzts. 3 French screw pr., cap. 65 t. Storage cap. 150,000 bu. "Sure Shot" soybean oil meal. Served by MP, RI, SSW RR.

Little Rock—SOUTHERN COTTON OIL CO., Ph. 27-9277. LD 11, 144, 159. Main office New Orleans. Subsidiary of Wesson Oil & Snowdrift Co., Inc. (7) R. R. Castillow; (9) C. M. Smith. 6 exp. "Sco-Co" soybean oil meal. Served by MP RR.

Newport—SOUTHERN COTTON OIL CO., Ph. 872; LD 9, 5. Main office New Orleans. Subsidiary of Wesson Oil & Snowdrift Co., Inc. (7) N. L. Pugh, Jr.; (9) J. E. Doherty. 6 Anderson exp. and French hexane solv. Served by MP RR.

Osceola—OSCEOLA PRODUCTS CO. (1) D. S. Laney; (2) C. F. Tompkins; (3) W. O. Frazier; (7) O. M. Beckham; (9) F. H. Ferrell. Allis-Chalmers hexane solv., cap. 125 t. Storage cap. 800,000 bu. "Osceola" soybean oil meal and pellets. Served by SLSF RR.

Pine Bluff—PLANTERS FERTILIZER & SOYBEAN CO., 1021 E. 5th Ave. Ph. JE 4-3631. (5) and mgr., Geo. H. Dunklin; asst. mgr., Wm. H. Dunklin; (7) J. R. Huneycutt. 4 screw pr., cap. 80 t. Storage cap. 175,000 bu. "Razor-back" soybean oil meal. Served by MP, SSW RR.

West Memphis—PERKINS OIL CO., Office, P. O. Box 152 Memphis, Tenn. Ph. Memphis 5-4040. (1) T. C. Lee; (2) I. J. Litcher; (3, 4) W. A. Loewenberg; (7) C. H. Caldwell; (8) H. D. Tobias; (9) H. H. Riggan. 4 screw pr., cap. 120 t. Storage cap. 750,000 bu. "Goldenrod" soybean oil meal. Served by SLSF, MP, RI RR.

Wilson—DELTA PRODUCTS CO., P. O. Box 197. Ph. 3761-71. (1) R. E. L. Wilson III; (2) John E. Crain; (3, 4) H. F. Ohlendorf; (5, 6, 8, 9) Ralph Woodruff; (7) Marshall Woodyard; asst. secy.-treas., Charles W. Bonner. Allis-Chalmers hexane solv., cap. 150 t. Storage cap. 600,000 bu. at Evadale. "Delpro" soybean oil meal. Soybean operations 15%. Served by DV&S RR.

Wilson—WILSON SOYA CO., Phone 2921, 2481. (1) R. E. L. Wilson III; (2) R. E. L. Wilson, Jr.; (3, 4) Hudson Wren; (5, 6, 8, 9) R. A. Pratt; (7) W. A. Blann. Hexane solv., cap. 100 t. Storage cap. 1,000,000 bu. "Wil-Soy" soybean oil meal and pellets. Served by SLSF RR.

CALIFORNIA

Los Angeles 58—CALIFORNIA COTTON OIL CORP., 2304 E. 52nd St. Ph. LO-81581. (1) R. F. Ingold; (2) exec. W. B. Coberly, Jr.; (3, 4) D. F. Budd; (5, 6) Wiley Blair, 3rd; (7) H. F. Crossno. 12 screw pr., cap. 240 t. Storage cap. 500,000 bu. "Calico" soybean oil meal; pellets. Sporadic soybean operations. Served by SP RR.



purity

PENOLA HEXANE FOR BETTER PROCESSING

Penola Hexane — like all Penola products — undergoes rigid laboratory testing for absolute purity. Penola Hexane's low vapor pressure and narrow boiling range are your guarantee of efficient solvent recovery and maximum yield. Penola also offers you:



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Penola Oil Company New York • Detroit • Chicago



PROCESSORS—(Continued)

Los Angeles 22—PACIFIC NUT OIL CO., 4615 Bandini Blvd. Ph. Angelus 1-0113. Office 2301 E. 52nd St. Subsidiary of California Cotton Oil Corp. (1) W. B. Coberly, Jr.; (2) D. L. Allison; (4) C. W. Allison; (5, 6) Wiley Blair, 3rd; (7) Wm. D. Horne. 8 exp., cap. 160 t. Storage cap. 650,000 bu. Sporadic soybean operations. Served by ATSF, UP RR.

Norwalk—LIBERTY VEGETABLE OIL CO., P. O. Box 125. Ph. Logan 5-3001 Los Angeles. Subsidiary of Iowa Milling Co., Cedar Rapids, Iowa. (1, 5, 6) I. D. Sinaiko; (2) Joe Sinaiko; (3) Samuel Maslon; (4, 8, 9) Wm. Sinaiko; (7) Gordon Lamberton. 4 screw pr., cap. 85 t. Storage cap. 175,000 bu. "Liberty" soybean oil meal. Served by SP RR.

Oakland—ALBERS MILLING CO., 2700 7th St. Ph. Templebar 2-4750. Office 5045 Wilshire Blvd., Los Angeles 36. Subsidiary of Carnation Co. (1) A. P. Herold; (2) E. W. Kelner; (2, 5, 8) G. H. Forney; (2, 8) T. V. Cox; (3) Wm. Stinehart; (4) H. E. Olson; (6) J. R. Faulconer; (9) F. Karlstrud. 6 exp., cap. 110 t. Storage cap. 200,000 bu. "Albers" soybean oil meal, "Albers Quality Controlled" mixed feeds and pellets. Served by ATSF, SP, WP RR.

Richmond 4 — PACIFIC VEGETABLE OIL CORP., 1145 S. 10th St. Ph. Landscape 4-4727. Main office San Francisco. (5) B. T. Rocca, Sr.; (5) B. T. Rocca, Jr.; (6) R. W. Hammond; (8) J. C. Taylor; (9) E. W. Ferguson; prod. mgr., M. G. Langford. 4 exp., cap. 50 t.; hexane solv., cap. 80 t. Storage cap. 126,000 bu. "PVO" soybean oil meal and pellets. Served by SP, ATSF RR.

San Francisco 7—PACIFIC VEGETABLE OIL CORP., 62 Townsend St. Ph. Douglas 2-0990. (1) B. T. Rocca, Sr.; (2) B. T. Rocca, Jr.; asst. vice pres. mfg., E. A. Hill; (3) Dudley F. Miller; (4) Ford M. Tussing; (5) James C. Taylor; (6) Richard W. Hammond; (7) Ernie W. Ferguson; (8) J. C. Taylor; (9) Mancill G. Langford. 6 exp., cap. 100 t.; hexane solv., cap. 120 t. Storage cap. 368,000 bu. "PVO" soybean oil meal and pellets. Served by SP, ATSF, WP RR.

Wilmington—VEGETABLE OIL PRODUCTS CO., INC., 401 Canal Ave. Ph. Terminal 47224; Los Angeles, Nevada 632-51. (1) R. J. Roesling; (2, 5, 6, 8) S. T. Pattison; (2, 5, 6, 9) W. L. Dickinson; (3, 4) W. L. Meyers; (6) D. Dangler. 4 exp., cap. 50 t. Storage cap. 60,000 bu. "Sun Ripe" soybean oil meal and pellets. Soybean operations 3,000 t. annually. Served by SP, UP, ATSF, HB RR.

DELAWARE

Millsboro—TOWNSEND'S INC. Ph. 2771. (1) Sen. John G. Townsend, Jr.; (2, 3, 4) Preston C. Townsend; (5, 6, 8, 9) John Phillips; (7) W. W. Ulrich. Hexane solv., cap. 50 t. Storage cap. 250,000 bu. "Townsend's Inc." soybean oil meal, mixed feeds and pellets.

FLORIDA

Brooker — SOUTHERN OIL & CHEMICAL CO., INC., P. O. Box 6. Ph. 2101. Home office 125 Broad St., New York, N. Y. (1, 6) G. A. Wharry; (2, 5, 8, 9) E. Kleinman; (3, 4) Jerry Kleinman. 3 screw pr., cap. 65 t. Storage cap. 60,000 bu. "Southsy" soybean oil meal. Served by SAL RR.

Pensacola—SOUTHERN COTTON OIL CO. Ph. 2114; LD 3. Main office New Orleans. Subsidiary of Wesson Oil & Snowdrift Co., Inc. (9) J. T. Murphy. 5 screw pr., cap. 100 t. "Sco-Co" soybean oil meal. Served by L&N, SL&F RR.

GEORGIA

Atlanta 6 — SOUTHERN GRAIN CO., P. O. Box 8216. Ph. Dixie 5766. Sole owner, H. A. Brennan.

Augusta — BUCKEYE CELLULOSE CORP. Dist. mgr., H. M. Henry; (7) D. L. Guffey.

Macon—BUCKEYE CELLULOSE CORP. Dist. mgr., J. P. George; (7) T. J. Doughman.

Rome—ROME OIL MILL. Ph. 6556. Main office Southern Cotton Oil Co., New Orleans. Subsidiary of Wesson Oil & Snowdrift Co., Inc. (7) T. F. Ford; (9) C. H. Lumpkin. 3 exp. "Rome" soybean oil meal. Served by SOU, CG RR.

Savannah—SOUTHERN COTTON OIL CO. Old Augusta Rd., P. O. Box 689. Ph. 2-7109. Main office New Orleans. Subsidiary of Wesson Oil & Snowdrift Co., Inc. (7) J. R. Woolsey; (9) U. F. Stewart. 3 exp. "Sco-Co" soybean oil meal. Served by CG RR.

Thomasville—FARMERS OIL MILL CO., INC. P. O. Box 867. Ph. Canal 6-4872. (1) F. H. Searcy; (3, 4) M. A. Froberg; (7) G. M. Smithson. 2 screw pr., cap. 40 t. Storage cap. 166,000 bu. "Farmpro" soybean oil meal. Served by ACL RR.

Vidalia—VIDALIA COTTON OIL CO., INC. Ph. 3033-004. (1, 5, 8) W. F. Jenkins; (7) W. F. Reynolds. Exp., cap. 50 t. Storage cap. 1,500,000 bu. Soybean oil meal. Soybean operations when advantageous. Served by MDS, G&F RR.

We welcome your inquiries for railroad locations relating to the soybean industry.

Industrial Development Department

NICKEL PLATE ROAD

Terminal Tower - Cleveland, Ohio



NO. 242-C
SHAKER-ASPIRATOR

3 Sizes for Hull Removal

The Bauer Shaker-Aspirator is especially designed for removing the hulls from decorticated soybeans. Mechanical forces are combined to sift out the meat while the hulls are drawn off by air currents to be pneumatically conveyed to a cyclone collector.

Other Bauer equipment for the soybean processing industry comprises Disc Granulators, Scalping Shakers, Cleaners, Cake Breakers, Attrition and Hammer Mills, Permanent Magnetic Separators. All of

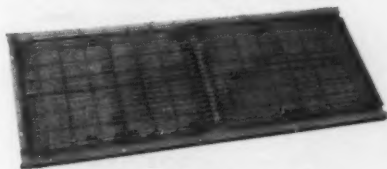
these machines and devices are shown in our general catalog and in special bulletins.

We do not manufacture oil extraction equipment, but cooperate with companies offering hydraulic, continuous screw press, and solvent processes. Because of our specific knowledge concerning seed and nut processing, we understand how to fit our equipment into the complete processing system. You are invited to take advantage of our engineering services.

THE BAUER BROS. CO.
1744 Sheridan Ave., Springfield, Ohio

ASK FOR CATALOG

Catalog No. 52 illustrates and briefly describes the whole Bauer line of process equipment. It refers to the individual bulletins which give complete data on specific equipment. You are invited to request the catalog and any bulletins you desire.



Self-Cleaning Ball Cage Sash

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Chemical Process Equipment Plant Design and Construction Engineering

If you are planning a new plant, modernizing and expanding existing production facilities for maximum efficiency, or converting to latest production methods, you will profit by consulting Davidson-Kennedy Associates. From the drawing board to operating plant, Davidson-Kennedy Associates' experienced specialists will handle all details of design, engineering, procurement and construction of your new facilities.

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KENNEDY
ASSOCIATES
COMPANY**
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PROCESSORS—(Continued)

ILLINOIS

Alhambra—ALHAMBRA GRAIN & FEED CO. Ph. 55. Branch at Marine, Ill. (1) T. E. Albrecht; (2) Joseph A. Long; (3) Clarence J. Ludwig; (4, 5, 6, 8) Elmer H. Ruehrup; (9) Paul Bauer. 2 exp., cap. 40 t. Storage cap. 210,000 bu. at Alhambra and Marine. "AG&F" soybean oil meal. Served by IC RR.

Bloomington—FUNK BROS. SEED CO., 1300 W. Washington St. (1) E. D. Funk, Jr.; (5, 6, 8) A. M. Convis; (7) D. B. Walker; (9) H. A. Abbott (consultant). Hexane solv., cap. 200 t. "Funk's" soybean oil meal and "Minrol Soy."

Bloomington—RALSTON PURINA CO. Ph. 3823. Main office St. Louis. (5) H. D. Rowland; (7) J. L. Clark; (9) Nat Morey. Hexane solv., cap. 300 t. Storage cap. 2,000,000 bu. "Purina Chows" mixed feeds. Served by GM&O, IC, ITC, NKP RR.

Cairo—CAIRO MEAL & CAKE MILLING CO., 46th and Sycamore Sts. Ph. 347. (1) A. T. Madra. Storage cap. 100,000 bu. "Miss Cairo" soybean oil meal. Served by IC, NYC RR.

Cairo—SWIFT & CO. Main office Chicago. (5, 9) W. B. Stone; (7) E. H. Eubanks. "Swift's" soybean oil meal.

Champaign—SWIFT & CO. Main office Chicago. (7) C. W. Faulkner; (8) R. J. Hendrick; (9) H. S. Byrd. "Swift's" soybean oil meal.

Chicago 4—ALLIED MILLS, INC., 3400 Board of Trade Bldg. Plants at Omaha, Nebr., and Taylorville, Ill. (1) H. J. Buist; (2) L. T. Murphy; (2) E. D. Griffin; (2, 5, 6, 8) J. J. Quinlan; (3, 4) E. W. Lenz. "Wayne" soybean oil meal, mixed feeds and pellets.

Chicago—CARGILL, INC., 122nd and Torrence Rd. Ph. ES 5-7255. Main office Minneapolis. (7) Harold Sandvig. Hexane solv. "Cargill" soybean oil meal. Served by CNW RR.

Chicago—CENTRAL SOYA CO., INC. Offices 3718 Board of Trade Bldg.; and 300 Fort Wayne Bank Bldg., Fort Wayne. Central Thrifty-Fifty, Fish 'n Fifty and Forty-Four soybean oil meal, "Centrol" lecithin, "Centrol" soybean oil products, "Master Mix" concentrates and complete feeds.

Chicago—GLIDDEN CO., chemurgy div. and grain elevators, 1825 N. Laramie Ave. Ph. Berkshire 7-8600. Also plants at Buena Park, Calif., and Indianapolis, Ind. (1) Dwight P. Joyce; (2) exec., Willard C. Lighter; (2) W. E. Bindenagel; (3) R. D. Horner; (4) W. G. Phillips; (5) Carl E. Benson; (6) Gerald Daiciden; (7) Ernie Teasmer; (8) John H. Wicklund; (9) E. T. Wilhelm. Exp. and hexane solv. units. Storage cap. 8,500,000 bu. "Diamond G" and "4-Hi" soybean oil meal; full-fat screw press and extracted soy flour.

Chicago—SWIFT & CO., Union Stock Yards. Plants at Blytheville, Ark.; Cairo and Champaign, Ill.; Des Moines, Iowa; Frankfort, Ind.; Fostoria, Ohio. (1) John Holmes; (2) C. T. Prindeville; (3) A. H. Fritschel; (4) A. L. Bruckner; oil mill dept., Scott E. Cramer. "Swift's" soybean oil meal and pellets.

Danville—LAUHOFF SOYA CO. Ph. 1800. Subsidiary of Lauhoff Grain Co. (1) S. H. Young; (2) Ralph G. Golsath; (3) J. J. Young; (4) John D. Wilkinson. Hexane solv.

Decatur—ARCHER-DANIELS-MIDLAND CO., P. O. Box 1030. Ph. 5183. Main office Minneapolis. (9) R. S. White. Hexane solv. "Archer" 44% and 50% soybean oil meal; "Archer" pellets; defatted, low-fat soy flour; "Archer C & S" soybean cooking and salad oil. Served by IC, ITC, RR.

PROCESSORS—(Continued)

Decatur—CHECKERBOARD SOYBEAN CO., Citizens Bank Bldg. Ph. 8-2161. Affiliate of Ralston Purina Co., St. Louis. (5, 9) R. E. Baer; (7) Ira Abbott. Hexane solv., cap. 250 t. Storage cap. 1,000,000 bu. Served by IC, WAB, ICT, NYC RR.

Decatur, Ill.—SPENCER KELLOGG & SONS, INC. Main office, 98 Delaware Ave., Buffalo 5, N. Y. Mgr. soya flour dept., H. A. Olendorf; (7) John DeLane. Hexane solv., 44% and 50% protein soybean oil meal; "Soyflake," "Special X," Meatone Grits," "Kel-Soysoy" soy flours. Served by ITC, WAB RR.

Decatur—A. E. STALEY MFG. CO., 22nd and Eldorado Sts. Ph. 3-4411. Also plant at Painsville. (1) A. E. Staley, Jr.; (2) E. K. Scheiter; (2) in chg of mfg., R. E. Greenfield; (4) W. R. Boyer; (5) K. J. Maltas; (6) crude, J. W. Moore; (6) refined, H. E. Lentz; (6) refinery dept., M. J. Longbons; (7) W. H. Walmsley; (8) E. C. Lane; mgr. soybean div., E. E. Rhodes. Hexane solv. "Staley's" soybean oil meal 44% protein, "Hi-Pro-Con" 50% protein soybean oil meal, "Staley's" soybean mill feed, mixed feeds and extracted soy flour and grits. Served by WAB, IC, B&O, ITC, PRR.

East St. Louis—COLCHESTER PROCESSING CO., 35th and Walnut. Ph. Upton 4-2290. (1) E. C. Andrews; (2, 8) E. L. McKee; (3, 4) E. F. Dunmeyer; (5, 6, 9) Wallace V. Weidner; (7) Clyde Karraker. 1 exp., cap. 22 t. Storage cap. 25,000 bu. "Colpro" soybean oil meal. Served by SOU RR.

Galesburg—GALESBURG SOY PRODUCTS CO., 1021 S. Henderson St. Ph. 4787. (1, 6, 9) Max Albert; (2) Betty V. Uretz; asst. vice pres., Eleanor N. Simon, Lois H. Shaffer; (3, 4) Anna S. Albert; (5) E. E. Fletcher; (7) Eldon L. Wiley; (8) James B. Strong. Hexane solv., cap. 300 t. Storage cap. 400,000 bu. "Triple Value" 44% protein soybean oil meal. Served by CB&Q, ATSF RR.

Gibson City—CENTRAL SOYA CO., INC. Main office Fort Wayne. (9) George R. Walter. Solv., cap. 600 t. Storage cap. 6,000,000 bu. Central Thrifty-Fifty, Fish 'n Fifty and Forty-Four soybean oil meal, "Centrol" lecithin, "Centrol" soybean oil products, "Master Mix" concentrates and complete feeds.

Kankakee—BORDEN'S SOY PROCESSING CO., Grinnel Road. Main office Waterloo, Iowa. Div. of Borden Co., New York. (7) Harry Meriman; (9) G. W. Harris. Solv., cap. 225 t. Storage cap. 900,000 bu. "Borden's" soybean oil meal. Served by NYC RR.

Monmouth—RALPH WELLS & CO., 530 S. 3rd St. Plant 600 S. 3rd. (1) Ralph Wells; (2, 5) Willis H. Wells; (3, 9) Adrian R. Wells; (4, 6, 8) Norman Wells; (7) Ralph Farrington. 2 exp., cap. 25-27 t. Storage cap., Monmouth, 270,000 bu.; Cameron, 80,000 bu.; Gerlaw, 10,000 bu. "Wells Pure Old Process" soybean oil meal and "Boxer Brand" soy cake-lets. Served by CB&Q, M&St.L RR.

Quincy—QUINCY SOYBEAN PRODUCTS CO., 1900 S. Front St. Ph. Baldwin 3-1622. (1) Irving J. Rosen; (2, 9) Norman L. Rosen; (3) Arnold H. Rosen; (4) Marcella Rosen; (5) W. V. Simmons; (6, 8) Theodore W. Bean; (7) Carl Strothoff. French hexane solv., cap. 600 t. Storage cap. 1,700,000 bu. "Purity" soybean oil meal. Served by CB&Q, WAB RR.

SOYBEAN BLUE BOOK

DAVIDSON- KENNEDY COMPANY



**D-K
All Steel
Desolventizer
Toasters**

D-K Desolventizer Toasters are constructed of steel boiler plate to prevent the development of leakage and cracks, as well as to give more efficient heat transfer. D-K all steel kettles can be furnished as replacement rings for cracked or worn out rings on your present kettles. For maximum satisfaction and minimum maintenance, insist on D-K all-steel construction.

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"PURITY BRAND"

SOYBEAN OIL MEAL

- 44% Solvent Meal
- Uniform Grind
- Golden Color

WELL LOCATED TO GIVE YOU—

Prompt, courteous service on
"Purity Brand" Soybean
Oil Meal.

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SOYBEAN PRODUCTS CO.

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DELPHOS GRAIN AND SOYA PRODUCTS CO.

- Soybean Processors
- Terminal Elevator



Year round buyers of
Soybeans, Corn, Wheat
and Oats.



Always Prompt and
Courteous Service

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Lima - Phone 99896
TWX - 653

PROCESSORS—(Continued)

Roanoke—EUREKA MILLING CO. (9) D. B. Hodel. 1 exp., cap. 15 t. Storage cap. 100,000 bu. "Emco" soybean oil meal and mixed feeds. Served by ATSF RR.

Rock Falls—STERLING SOYBEAN CO., INC., 800 E. 10th St. Ph. Main 90. (1, 5) E. J. McGinn; (3, 4, 8) O. L. McGinn. 3 exp., cap. 60 t. Storage cap. 300,000 bu. "Old Process" soybean oil meal; "Cream-A" mixed feeds and pellets. Served by CB&Q, CNW RR.

Springfield—ILLINOIS SOY PRODUCTS CO., P. O. Box 53. Ph. 2-3391. Plant, E. Sangamon Ave. Subsidiary of Iowa Milling Co., Cedar Rapids, Iowa. (1, 4) Joe Sinaiko; (2) I. D. Sinaiko; (3) Samuel H. Maslon; (5, 6, 8, 9) Eric Nadel; (7) D. D. Crites. 8 screw pr., cap. 150 t. Storage cap. 200,000 bu. "Capitol" soybean oil meal. Served by WAB RR.

Taylorville—ALLIED MILLS, INC. Main office Chicago. (7) P. G. Gottschalk; (9) John B. DeHaven, Jr. Hexane solv. "Wayne" soybean oil meal, mixed feeds and pellets. Served by WAB, B&O RR.

Vermont—BADER SOY PRODUCTS CO. Ph. 48. Subsidiary of Bader & Co. (1, 5, 6, 8) B. B. Bader; (2) C. B. Bader; (3, 4) W. F. Bader; (7) Harold DeMott. Hexane solv., cap. 90 t. Storage cap. 400,000 bu. at Vermont, Astoria, Rushville, Adair, Macomb, Swan Creek, Walnut Grove and Prairie City. "Bader's" 44% soybean oil meal; "Bader's Atomic" mixed feeds; "Bader's" pellets. Served by CB&Q RR.

Virden—HULCHER SOYA PRODUCTS, INC. (1) Norman E. Hulcher; (3, 4) Harold L. Foster; (7) Herman Helmerich; (9) John Curran. 2 exp., cap. 35 t. Storage cap. 225,000 bu. "Hulcher Old Process" soybean oil meal. Served by GM&O RR.

INDIANA

Angola—ANGOLA SOYA CO., 424 N. Williams St., P. O. Box 358. Ph. 523. Partnership, Reginald Hale and Alfred Hale. Hexane solv., cap. 5 t. Storage cap. 1,400 bu. Soybean oil meal. Extractions of various specialty items. Served by NYC RR.

Decatur—CENTRAL SOYA CO., INC. Main office Fort Wayne. (9) T. H. Allwein. Solv., cap. 1,400 t. Storage cap. 7,000,000 bu. Central Thrifty-Fifty, Fish 'n Fifty and Forty-Four soybean oil meal, "Control" lecithin, "Control" soybean oil products, "Master Mix" concentrates and complete feeds.

Fort Wayne—CENTRAL SOYA CO., INC., 300 Fort Wayne Bank Bldg. Plants at Decatur; Gibson City, Ill.; Marion, Ohio; Chattanooga, Tenn. Chm. of board, Harold W. McMillen; (1) D. W. McMillen, Jr.; (2) Geo. D. MacLean; (2) Chas. W. Crowe; (2) Norman F. Kruse; (2) Paul E. Hensel; (2) John L. Krider; (2) W. E. Huger; (2, 5) R. B. Parrott; (2, 8) B. A. Townsend; (3, 4) Edward T. Schele; asst. to the president, John L. Andreas; asst. secy. and controller, Richard N. Allen. Processor of soybeans and manufacturer of "Master Mix" poultry and livestock concentrates and complete feeds. Central Thrifty-Fifty, Fish 'n Fifty and Forty-Four soybean oil meal, "Control" lecithin, "Control" soybean oil and soybean oil products.

Frankfort—SWIFT & CO. Main office Chicago. (5, 9) H. B. Parker; (7) A. J. Sibley; (8) J. H. Bramfeld, Jr. "Swift's" soybean oil meal.

PROCESSORS—(Continued)

Indianapolis—GLIDDEN CO., 1160 W. 18th St. Main office Chicago. (5) Morris Champion; (6) Gerald Daleiden; (7) Clayton Vogt; (8) John H. Wickland; (9) E. T. Wilhelm. Hexane solv., cap. 250 t. Storage cap. 1,300,000 bu. "Glidden Quality Products" soybean oil meal.

Lafayette—RALSTON PURINA CO. Ph. 2-8421. Main office St. Louis. (5) Joe Bonner; (7) N. R. Adkins; (9) Ralph M. Guenther. Hexane solv., cap. 325 t. Storage cap. 1,300,000 bu. "Purina Chows" mixed feeds. Served by WAB, NKP RR.

Marion — HOOSIER MILLS, INC., 33rd and Nebraska St. (1) H. G. Hipps; (5, 6, 8,) Wm. E. Ohlemeyer; (7) M. B. McVicker. 5 exp. Storage cap. 230,000 bu. "Hoosier" soybean oil meal. Served by NYC, NKP, C&O, PRR.

Peru—MID STATES FATS & OILS CORP., P. O. Box 365. Ph. 7575. Plant at Bunker Hill. Ph. 184. (1) Paul J. Sicanoff; (3, 4) Geo. H. Shaw, Jr.; (7) R. D. Durham; gen. mgr., Oren P. Cochran. 3 exp., cap. 50 t. Storage cap. at Bunker Hill, 150,000 bu. Soybean oil meal. Served by PRR.

Portland—HAYNES MILLING CO., INC., 215 E. Votaw St. Ph. 62. Plant at E. 8th St. Ph. 364J. (1, 6, 9) Clarence E. Peters; (2, 4) W. H. Starbuck; (3) Max W. Shufelt; (5, 8) Walter V. Hilfiker; (7) Joe Mumby, Jr. 4 exp., cap. 100 t. Storage cap. 285,000 bu. "Haynes" 41% soybean oil meal; "State Pilot" mixed feeds and pellets. Served by NKP, PRR.

IOWA

Belmond—GENERAL MILLS, INC., soybean div. Ph. 231. Main office Minneapolis. Grain buyer, H. C. Stokke; (7) W. B. Hotvet. Storage cap. 1,500,000 bu. "General Mills" 44% protein extracted soybean oil meal and 50% protein dehulled soybean oil meal.

Cedar Rapids — CARGILL, INC., 850 10th St. SW. Ph. 6148. Main office Minneapolis. (7) Fred Brosius; (9) C. W. Bohlander. Hexane solv. "Cargill" soybean oil meal. Served by CR, IC RR.

Cedar Rapids—IOWA MILLING CO., 411 6th St. NE. Ph. 4-1503. (1, 4) Joe Sinaiko; (2) I. D. Sinaiko; (3) Samuel Maslon; (5, 6, 8) H. R. Scroggs; (7) Gilbert Kinzey; (9) Louis Langhurst. Hexane solv., cap. 300 t. Storage cap. 600,000 bu. at plant. "Hy-grade" soybean oil meal. Served by MILW RR.

Clinton — PILLSBURY MILLS, INC. Headquarters feed and soy div. Ph. Chapel 2-2110. General office, Minneapolis. (1) Paul Gerot; (2) C. D. McNeal; (3) P. F. Sherman; (4) T. Hanold; (5) Earl Nielsen; (6) Fred Eble; (7) Albert Ducharme; (8) D. B. Long; (9) H. E. Smith. Hexane solv., cap. 250 t. Storage cap. 1,000,000 bu. "Pillsbury's Best" soybean oil meal, mixed feeds and pellets. Served by CB&Q, MILW, CNW, RI RR.

Des Moines—SPENCER KELLOGG & SONS, INC. Main office 98 Delaware Ave., Buffalo 5, N. Y. (7) J. W. Pooley. Hexane solv. 44% protein soybean oil meal; pellets. Served by DMU RR.

Des Moines—SWIFT & CO., Box 38, Highland Park Station. Main office Chicago. (5, 9) C. D. Whitaker; (7) G. G. Scott; (8) C. J. Ander. "Swift's" soybean oil meal.

Dike—FARMERS COOPERATIVE CO. Ph. 2111. (1) Horace D. Brown; (2) Russell Mewces; (3) Edward Sherwood; (5, 6, 8) C. M. Gregory; (7) Gerald Bruns; office mgr., Richard Goetzinger. 2 screw pr., cap. 30 t. Storage cap. 710,000 bu. "Felco" soybean oil meal and mixed feeds. Served by CNW RR.

Eagle Grove—BOONE VALLEY CO-OP PROCESSING ASSN. Ph. 200, 201. (1) Ralph Olsen; (2) Harry Bernard; (3, 4) Floyd Crim; (5) James A. Farrell; (6, 8, 9) Edward Olson; (7) Chas. G. Loux; asst. mgr., Donald Laurent. Hexane solv., cap. 200 t. Storage cap. 140,000 bu. "Co-op" soybean oil meal, mixed feeds and pellets. Served by CNW, CGW RR.

Fort Dodge — CARGILL, INC., 5 Central Ave. Ph. Walnut 3781. Main office Minneapolis. (7) C. R. Brooks; (9) W. J. Wheeler. Hexane solv. "Cargill" soybean oil meal and pellets. Served by IC RR.

Gladbrook—CENTRAL IOWA BEAN MILL. Ph. 63. (1, 3, 5, 6, 7, 8, 9) Paul H. Klinefelter; (2, 4) Florence M. Klinefelter. 3 screw pr., cap. 50 t. Storage cap. 450,000 bu. "Soya, Chief of the Feeds" soybean oil meal. Served by CNW, CGW RR.

Iowa Falls—RALSTON PURINA CO. Ph. 2591. Main office St. Louis. (5) A. I. Gleason; (7) Geo. W. Oswald; (9) A. V. Couch. Hexane solv., cap. 300 t. Storage cap. 1,360,000 bu. "Purina Chows" mixed feeds. Served by RI, IC, CNW RR.

Marshalltown — MARSHALL MILLS, INC., 201 Washington St. Ph. 9005. (1, 9) Fred Johnson; (2, 7) J. B. Saccaro; (3, 5, 6, 8) J. I. Johnson; (4) Vernon N. Johnson. 3 screw pr., cap. 70 t. Storage cap. 150,000 bu. 41% soybean oil meal. Served by M&StL, CNW, CGW RR.

Mason City—NORTH IOWA COOPERATIVE PROCESSING ASSN., 1605 19th St. SW. (1) Earl M. Dean; (2) Chas. F. Brooker; (3, 4) A. K. Carstens; (5, 8) H. D. Rissler, Jr.; (6, 9) Glenn Pogeler; (7) Harold Tietjens. Hexane solv., cap. 150 t. Storage cap. 350,000 bu.; Manly, 130,000 bu. "Felco" soybean oil meal. Served by CGW, M&StL, RI, MILW, CNW, MC&L RR.

Muscatine—McKEE FEED & GRAIN CO., 500-508 E. 2nd St. Plant, Front and Oak Sts. Ph. 740, 1961. (1) L. R. McKee; (2, 6, 8, 9) Harry G. McKee; (3) Orval Fisher; (4) Lee L. McKee; (5) James A. Gould; (7) Archie White. 2 exp., cap. 300 t. Storage cap. 250,000 bu. "Hawkeye" soybean oil meal, mixed feeds and pellets. Served by RI, MILW RR.

Muscatine — MUSCATINE PROCESSING CORP., 205 Green St. Ph. AMherst 3-3721 (1) S. G. Stein; (2) G. A. Kent; (2) F. J. Prochaska; (3) R. C. Kautz; (4) F. G. Hocking; (5, 6, 8) M. C. Larson; (7, 9) R. D. Stroup. Hexane solv., cap. 100 t. Storage cap. 500,000 bu. "Port City" soybean oil meal. Served by MILW, RI RR.

Quimby — SIMONSEN MILL-RENDERING PLANT. Ph. 16. (5, 6, 8) D. W. Simonsen; (7) Alton Simonsen; (9) M. W. Simonsen. 4 screw pr., cap. 50 t. Storage cap. 130,000 bu. "Simonsen" soybean oil meal, mixed feeds and pellets. Served by IC RR.

Ralston—FARMERS COOPERATIVE ASSN. Ph. 37. (1) Otis Knight; (2) Myron B. Gregory; (3, 4) Carl R. Cook; (5) William Y. McDonald; (6, 9) Karl Nolin; (7) Frank Smith; (8) Charles Lauridsen. 3 screw pr., cap. 50 t. Storage cap. 1,250,000 bu. "Farmers" soybean oil meal; "Farmers Feeds" mixed feeds and pellets. Served by CNW RR.

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Phone EMpire 4-1503

PROCESSORS—(Continued)

Redfield—IOWA SOYA CO. Ph. 400. (1, 4) J. J. Vanier; (2, 6, 8, 9) Donald C. Ogg; (3) Thomas B. Roberts; (5) Byrle Spillers; (7) D. O. Cameron; chief chemist, D. H. Kingsley. Hexane solv., cap. 350 t. Storage cap. 1,100,000 bu. "Redfield" soybean oil meal and pellets. Served by MILW RR.

Sac City—WILLIAMS MILLING CO. Gen. mgr., Leo W. Williams; (5) R. C. Hink; (8) J. C. Laughlin. 4 exp., cap. 80 t. Storage cap., Sac City 357,000 bu., Nemaha 100,000 bu., Lake View 100,000 bu., Lytton 85,000 bu. "Williams" soybean oil meal, feeds and pellets. Served by MILW RR. Presently not processing.

Sheldon—BIG 4 COOPERATIVE PROCESSING ASSN., 111 9th St. (1) Doores Waanders; (2) Paul D. Vetter; (3, 4) L. M. Penning; (5, 6, 9) Charles W. Hanson; (7) Reuel Jacobs; (8) Kenneth McQueen. 8 exp., cap. 180 t. Storage cap. 200,000 bu. "Felco" soybean oil meal. Served by IC, MILW, CMO RR.

Sioux City—SIOUX SOYA MILLS, 11th and Clark St. P. O. Box 357. Ph. 8-0174-5/6; LD 20. Affiliate of Sioux Industries, Inc. (1) E. N. Grueskin; (2) Mike Sherman; (3, 4) Philip Sherman; (5) Dick Hoaglund; (7, 8, 9) A. L. Petersen; (7) A. G. Kliwer; (7) R. P. Cole; traffic mgr., G. Dikeman; office mgr., V. W. Miller. Hexane solv., cap. 150 t. Storage cap., Sioux City, 425,000 bu., Sioux Falls, S. Dak., 300,000 bu. "Su Soy" soybean oil meal and pellets. "Super Soo" mixed feeds. Served by IC, MILW, CNW RR.

Washington — CARGILL, INC., N. 15th St. and E. 3rd Ave. Ph. 820. Main office Minneapolis. (7) Raymond Roth; (9) Hugo Lensch. Hexane solv. "Cargill" soybean oil meal and pellets. Served by RI RR.

Waterloo—BORDEN'S SOY PROCESSING CO. Div. of Borden Co., New York. Also plant at Kankakee, Ill. (1) R. J. Kunz; (2, 5, 6, 8, 9) Edward M. O'Connor; (3, 4) P. J. Queroli; (7) F. P. Parkin. 5 French screw pr., cap. 90 t.; solv., cap. 240 t. Storage cap. 1,000,000 bu. "Bordens" soybean oil meal. Served by WCF&N, RI RR.

West Bend—WEST BEND ELEVATOR CO. Ph. 4371 (1) Earnie Schmidt; (2) Ely Grimm; (3) R. W. Rittgers; (5, 6, 8) R. W. Jurgens; (7) Harold Baas. 3 exp., cap. 30 t. Storage cap., 575,000 bu. "Felco" soybean oil meal and mixed feeds. Served by RI RR.

KANSAS

Emporia—KANSAS SOYA PRODUCTS CO., INC., E. 5th Ave. Ph. 3000. (1, 4) John J. Vanier; (2, 3) E. E. Steerman; (2, 5, 6) and gen. mgr., Elmer L. Buster; (7) T. R. Barnhart; (8) Robert H. Wise. Hexane solv., cap. 250 t. Storage cap. 1,300,000 bu. at Emporia, Hartford, Strawn and Olathe. "Sunflower" soybean oil meal and pellets; "Sunflower" and "Lasso" mixed feeds. Served by MKT RR.

Girard—PRODUCERS COOPERATIVE ASSN. Ph. 192. (1) Elmer Harr; (2) Marvin Green; (3, 4) Lawrence Clausen; gen. mgr., S. O. Frey. 2 screw pr., cap. 40 t. Storage cap. 200,000 bu. "Producers" 41% soybean oil meal; "Producers," "Farmers Special," and "Co-Op Open Formula" mixed feeds and pellets. Served by SLSF, ATSF RR.

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TELEPHONE: MIDWAY 6-9456

PROCESSORS—(Continued)

Wichita—SOY-RICH PRODUCTS, INC., 1501 N. Mosley. Ph. Amherst 5-9635. (1, 6) Ralph S. Moore; (2) War O. Brooks; (2) Geo. S. Armstrong; (3, 4) Elmer C. Moore; (5, 8) B. E. Henline; (7) Jess Turner; (9) J. W. Thelman. Blaw-Knox hexane solv., cap. 150 t. Storage cap. 1,100,000 bu. "Four-Leaf Clover" 44% and 50% protein soybean oil meal and pellets. Served by ATSF, MP, RI, MV RR.

KENTUCKY

Henderson—OHIO VALLEY SOYBEAN CO-OP. 5th St. Ph. 3921. (1) Oscar D. Keck; (2) James R. Rash, Jr.; (3, 4, 9) A. I. Reisz; asst. secy., treas., mgr., David Frymire. Hexane solv., cap. 100t. Storage cap. 740,000 bu. "Cardinal Quality" soybean oil meal. Served by L&N, IC RR.

Louisville—BUCKEYE CELLULOSE CORP. Dist. mgr., H. N. Perkson; (7) Jack Gardner.

Owensboro—OWENSBORO GRAIN CO. (1) Wm. M. O'Bryan; (2) Henry E. O'Bryan; (3) Hugh P. Aud. Solv., cap. 125 t. Storage cap. 600,000 bu. "Ograco" 44% solv. soybean oil meal.

LOUISIANA

Alexandria—RED RIVER COTTON OIL CO., INC. 514 N. 16th St. (1) J. E. Byram; (2, 5, 6, 8) J. E. Bryam, Jr.; (3, 4) L. C. Waddell; (7) G. C. Headrick. 10 hydraulic pr., 3 exp., cap. 100 t. Storage cap. 500,000 bu. Served by MP, T&P, I&A, KCS RR.

New Orleans—SOUTHERN COTTON OIL CO., 210 Baronne St. Main office. Subsidiary of Wesson Oil & Snowdrift Co., Inc. (1) A. Q. Petersen; (2) E. A. Geoghegan; (2) M. W. Lyons; (3) W. F. Hoerner; (4) C. M. Carriere; gen. mgr., F. L. Morgan.

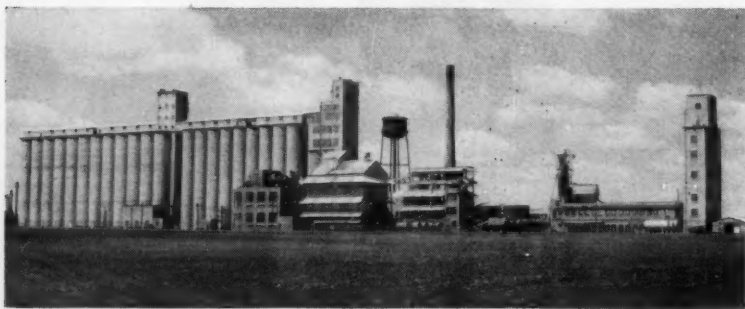
Shreveport—SOUTHLAND COTTON OIL CO., div. of Anderson, Clayton & Co. Main office Paris, Tex.

West Monroe—UNION OIL MILL INC., P. O. Box 617. Ph. 6141, 3-6657, 3-6658. (1, 5, 6, 8, 9) C. W. Wallace; (2) F. W. Scott; (3, 4) A. B. Colmer; (7) R. W. May. 4 exp., cap. 150 t.; hexane solv., cap. 150 t. Storage cap. 300,000 bu. "Union" soybean oil meal and pellets; "Union-Mix" mixed feeds. Soybean operations about 1/6. Served by IC RR.

MINNESOTA

Bloming Prairie—FARMERS CO-OP ELEVATOR ASSN., soybean processing div. (1) Ormanzo Peterson; (2) Harold Symes; (3, 4) T. B. Peterson; (5, 6, 8, 9) Wilbur P. Bidne; (7) Don Sandberg. Trichloroethylene solv., cap. 25 t. Storage cap. 120,000 bu. "Prairie" 44% soybean oil meal and flakes; "Farmers Best" feeds.

Dawson — TRI-COUNTY CO-OP. SOYBEAN ASSN. Ph. 32. (1) C. M. Hanson; (2) Ralph B. Hill; (3) M. Enevoldson; (4) J. Lideen; (5, 6, 9) Joe Givens; (7) D. E. Crane; (8) Dave Owen. Hexane solv., cap. 75 t. Storage cap. 80,000 bu. "Dawson" soybean oil meal. Served by M&STL RR.



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6-1830

PROCESSORS—(Continued)

Halstad—HALSTAD ELEVATOR CO. INC., Ph. 7. (1) Erwin Warner; (2) Neon Helgoe; (3, 4) Bennitt Harestad; (5, 9) O. D. Bervig; (7) Tenny Stole. 4 Anderson Super Duo exp., cap. 51 t. Storage cap. 100,000 bu. "Valley Giant" soybean oil meal. Served by GN RR.

Lakeville—CONSUMERS SOYBEAN MILLS, INC. Office 1122 Flour Exchange Bldg., Minneapolis 15. (1, 5) Riley W. Lewis; (2, 4) Harry J. Lewis; (3, 8) L. R. Finch. 6 exp., cap. 120 t. Storage cap. 600,000 bu. "Consumers" soybean oil meal. Served by MILW RR.

Mankato—ARCHER-DANIELS-MIDLAND CO., 3rd and Harper. Ph. 7947. Main office Minneapolis. (7) E. W. Schmidt, Jr. Hexane solv. "Archer" 44% and 50% soybean oil meal; "Archer" and "Boostryn" mixed feeds; "Archer" pellets; defatted, low-fat soy flour. Served by CMO RR.

Mankato—HONEYMEAD PRODUCTS CO. Ph. 7911. (1, 5, 6) L. W. Andreas; (2) W. B. Cox; (2, 3, 9) J. I. Maston; (4) chm. of board, D. O. Andreas; (7) V. Boettcher; (8) C. T. Mullan. Hexane solv., cap. 1,200 t. Storage cap. 1,300,000 bu. "Honeymead" soybean oil meal. Served by CNW, CMO, MILW, CGW RR.

Minneapolis—ARCHER-DANIELS-MIDLAND CO., 700 Investors Bldg. Ph. Federal 3-2112. Plants at Decatur, Ill.; Mankato, Minn. (1) T. L. Daniels; (2, 5) F. E. Benson; (2, 6) A. C. Hoehne; (3) P. S. Duff; (4) S. S. Adair; (8) Edward O. Pashke; (8) asst., Paul T. Fjellman.

Minneapolis 15—CARGILL, INC., 200 Grain Exch. Plants at Chicago; Cedar Rapids, Fort Dodge and Washington, Iowa; Savage, Minn.; Memphis, Tenn. (1) J. H. MacMillan, Jr.; (2) F. M. Seed; (3) A. G. Egermeyer; (4) C. W. Mooers.

Minneapolis—GENERAL MILLS, INC., soybean div., 400 2nd Ave. S. Phone Federal 3-1144. Plants at Belmond, Iowa, and Rossford, Ohio. (1) S. D. Andrews, Jr.; (6) W. E. Flumerfelt; (8) F. H. Hafner; (9) G. W. LaLone; grain buyer, D. W. Moebius. "General Mills" 44% protein extracted soybean oil meal and 50% protein dehulled soybean oil meal.

Minneapolis—MINNESOTA LINSEED OIL CO., 25 44th Ave. N.E. (1) E. H. Russell; (2) V. Wurtelle; (3, 4) J. D. O'Keefe; (5) Ray Lindquist; (7, 9) George N. Walker; (8) W. E. O'Connor. Solv., cap. 500 t. Storage cap. 3,000,000 bu. "Minnesota" soybean oil meal and pellets. Served by NP RR.

Preston—PRESTON SOYA MILLS, INC. Registered office, Mapleton, Minn. Ph. 4-3211. (1, 2) Wallace E. Frank; (3, 4, 5, 6, 8) Edward G. Frank; (7, 9) Ed Steinkopf. 3 exp., cap. 60 t. Storage cap. 225,000 bu. "Presto" soybean oil meal. Served by MILW RR.

Savage—CARGILL, INC. Ph. South 1-8641. Main office Minneapolis. (7) John Shepherd. Hexane solv. "Cargill" soybean oil meal. Served by MN&S RR.

MISSISSIPPI

Belzoni—HUMPHREYS COUNTY OIL MILL. Owned and operated by Mississippi Cottonseed Products Co., Jackson. (7) H. C. Switzer; mgr., S. A. Pittman. 9 hydraulic pr., cap. 50 t. Storage cap. 150,000 bu. Soybean operations 4,000-8,000 t.

Clarksdale—PLANTERS MFG. CO. Ph. 1540. (1) C. G. Smith; (2) C. G. Bobo; (2) E. L. Anderson, Jr.; (3, 4, 5, 6, 8) A. K. Shaifer. 4 exp.; hexane solv., cap. 200 t. Storage cap. 500,000 bu. 44% protein solv. extracted soybean oil meal. Served by IC RR.

Columbus—SOUTHERN COTTON OIL CO. Ph. 245. Main office New Orleans. Subsidiary of Wesson Oil & Snowdrift Co., Inc. (7) P. K. Jaynes; (9) J. R. Howe. 10 hydraulic pr. "Sco-Co" soybean oil meal. Served by GM&O, SL&S, SOU, C&G RR.

Corinth—BUCKEYE CELLULOSE CORP. Dist. mgr., A. J. Vaughan, Jr.; (7) N. A. Garrison.

Greenville—GREENVILLE OIL WORKS. Ph. 6351-6352; LD 14. Owned and operated by Mississippi Cottonseed Products Co., Jackson. (5, 6, 8, 9) Hal Harris; (7) B. C. Lundy. 16 hydraulic pr. Storage cap. 250,000 bu. Soybean operations 40%. Served by C&G, IC RR.

Greenville—REFUGE COTTON OIL DIV., Southern Cotton Oil Co., 815 Nelson St. Ph. 5474. Main office New Orleans. Subsidiary of Wesson Oil & Snowdrift Co., Inc. (7) H. M. Easley; (9) M. D. Kolb. French hexane solv. and 5 French screw pr. "Sco-Co" soybean oil meal. Served by IC, C&G RR.

Greenwood—BUCKEYE CELLULOSE CORP. Dist. mgr., R. R. Mills; (7) H. W. Gilbert.

Greenwood—PLANTERS OIL MILL. Owned & operated by Mississippi Cottonseed Products Co., Jackson. (7) G. R. Simpson; (9) N. F. Howard. Lukenweld filtration ext., cap. 90 t. Storage cap. 250,000 bu. Served by IC RR.

Grenada—GRENADA OIL MILL. Line St., P. O. Box 1125. Owned and operated by Mississippi Cottonseed Products Co., Jackson. 2 Fr. screw pr., cap. 60 t. Soybean operations 20%. Served by IC RR.

Indianola—SUNFLOWER COTTON OIL CO. P. O. Box 389. Owned and operated by Mississippi Cottonseed Products Co., Jackson. 12 hydraulic pr., cap. 60 t. Storage cap. 350,000 bu.

Jackson—BUCKEYE CELLULOSE CORP. Dist. mgr., T. H. Harper; (7) E. A. Gaulding.

Jackson—DELTA COTTON OIL & FERTILIZER CO., Valley at Florence St., P. O. Box 899. Ph. 2-3624; LD 67. (1, 5, 6) Alfred Jenkins; (2) W. R. Barrow; (2) Jas. C. Bolton; (3, 4) L. D. Hamilton; (7) R. F. Anderson. 4 screw pr.; Blaw-Knox hexane solv., cap. 150 t. Soybean operations 10,000 t. Served by IC RR.

Jackson—MISSISSIPPI COTTONSEED PRODUCTS CO., Plaza Bldg., P. O. Box 939. (1) H. E. Covington; (2) J. B. Perry, Jr.; (3, 4) G. C. Perry. Plants at Belzoni, Greenville, Greenwood, Grenada, Hazlehurst, Hollandale, Indianola, Jackson, Kosciusko, Magnolia, Newton, Yazoo City; Kennett and Sikeston, Mo.

Jackson—SOUTHLAND COTTON OIL CO., div. Anderson, Clayton & Co. Main office Paris, Tex.

Kosciusko—PLANTERS OIL MILL. Ph. 36; LD 37. Owned and operated by Mississippi Cottonseed Products Co., Jackson. (5, 6, 8, 9) H. S. Simmons; (7) J. O. Burrows. 3 screw pr., cap. 80 t. Storage cap. 85,000 bu. 41% protein soybean oil meal. Soybean operations 5 to 10 weeks per year. Served by IC RR.

Leland—LELAND OIL WORKS. Ph. 33 and 22. Affiliate of Port Gibson Oil Works. (1) A. N. Brady; (2) C. W. Boomquist; (3, 4, 6, 8) Lomax Anderson; (5) E. B. Pepper; (7) M. P. Letchworth; (9) S. B. Shaifer. Hexane solv. Served by IC RR.

Magnolia—MAGNOLIA COTTON OIL CO. Owned and operated by Mississippi Cottonseed Products Co., Jackson. (7) James Burrows. 3 screw pr., cap. 65 t. Storage cap. 250,000 bu. "Magnolia" soybean oil meal and pellets. Soybean operations 20%. Served by IC RR.



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PROCESSORS—(Continued)

Marks—RIVERSIDE OIL MILL. Gen. mgr., Wm. King Self. 5 screw pr., cap. 180 t.; Anderson hexane solv., cap. 100 t. Storage cap. 750,000 bu. "Riverside" soybean oil meal. Served by IC RR.

Picayune—CROSBY FOREST PRODUCTS CO., P. O. Drawer 71. Ph. 760. (1) L. O. Crosby, Jr.; (2) Mrs. Dorothy H. Crosby; (3, 4) J. E. Mayo; (5, 7, 9) L. A. Stockstill; (6, 8) A. A. Witthauer, Jr. 4 exp., cap. 150 t.; hexane solv., cap. 150 t. press cake. Storage cap. 40,000 bu. "Cro-Soy" solvent extracted soybean oil meal. Served by PRV RR.

Vicksburg—REFUGE COTTON OIL DIV., Southern Cotton Oil Co., P. O. Box 391. Ph. 2642; LD 9996. Main office New Orleans. Subsidiary of Wesson Oil & Snowdrift Co., Inc. (7) E. C. Allen, Jr.; (9) M. J. Harper. Hydraulic pr. "Refuge" soybean oil meal. Served by IC RR.

MISSOURI

Kansas City—RALSTON PURINA CO., 2334 Rochester Ave. Ph. Victor 1316. Main office St. Louis. (5) F. G. Franze; (7) C. C. Ward; (9) E. G. Hotchkiss. Solv., cap. 350 t. Storage cap. 2,250,000 bu. "Purina Chows" mixed feeds.

Kennett—KENNETT OIL MILL, INC. Ph. 8-4516, 8-4517. Affiliate of Mississippi Cottonseed Products Co., Jackson, Miss. (5, 6, 8, 9) N. P. Bartmess. 4 French screw pr., cap. 120 t. "Kennett" soybean oil meal. Served by SLSF RR.

Mexico—M.F.A. GRAIN & FEED DIV., Missouri Farmers Association, Inc. Ph. 1199; LD 2. Main office 429 Cherokee St., St. Joseph, Mo. (1)

F. V. Heinkel; (2) L. O. Wallis; (3) R. J. Rosier; (9) Kermit F. Head; gen. mgr., A. J. Loutch; off. mgr., Bert Thomas. 4 exp., cap. 80 t. Storage cap. 1,000,000 bu. "M.F.A." soybean oil meal, feeds and pellets. Served by WAB, GM&O, CB&Q RR.

New Madrid—BUCKEYE CELLULOSE CORP. Dist. mgr., R. W. Coursey; (7) W. J. Milligan.

St. Joseph—DANNEN GRAIN & MILLING CO., P. O. Box 429. Plant 900 Lower Lake Rd. Ph. 8-2431. (1) Dwight L. Dannen; (2) F. A. Mannschreck; (3) M. E. Dawson; (4) Chas. Mannschreck; (5) A. E. Frank; (6) E. A. Gumbert; (7) George Lippold; (8) W. J. Sprengel; (9) Geo. O. Lines. Hexane solv., cap. 300 t. Storage cap. 14,000,000 bu. at St. Joseph and branches in Iowa, Mo., Kans., Nebr., Okla., and Ill. "Dannen" soybean oil meal, mixed feeds and pellets. Served by MP, CB&Q, ATSF, RI, CGW, UP RR.

St. Louis—RALSTON PURINA CO., 835 S. 8th St. Also plants at Lafayette Ind.; Bloomington, Ill.; Iowa Falls, Iowa; Kansas City, Mo. (1) Ray E. Rowland; (5, 8) Donald B. Walker; (6) Lamar Kishlar. "Purina Chows" mixed feeds.

Sikeston—SIKESTON COTTON OIL MILL, INC. Affiliate of Mississippi Cottonseed Products Co., Jackson, Miss. (5, 6, 8, 9) P. B. Bartmess. (7) J. V. Shelton. 4 screw pr., cap. 120 t. Storage cap. 1,000,000 bu. Served by MP, SLSF RR.

NEBRASKA

Fremont—FREMONT CAKE & MEAL CO. (1) John J. Vanier; (2) Harry B. Lilly; (3, 4, 5, 6, 8, 9) Harry E. Wiyssel; (7) Del Gaeth. Storage cap. 650,000 bu. Served by UP, CB&Q, CNW RR.

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PROCESSORS—(Continued)

Lincoln 1—GOOCH MILLING & ELEVATOR CO., 6th and South Sts. Ph. 3-2345. (1) H. B. Lilly; (2) J. J. Vanier; (3) Maria Scheidt; (4, 6, 9) M. R. Eighmy; (5) J. Floyd Chance; (7) Lloyd Graham. 2 screw pr., cap. 45 t. Storage cap. 500,000 bu. "Gooch's Best" mixed feeds. Served by CB&Q, UP, CNW, MP, RI RR.

NEW YORK

Buffalo—SPENCER KELLOGG & SONS, INC., 98 Delaware Ave. Ph. Cleveland 5850. Plants at Long Beach, Calif.; Chicago and Decatur, Ill.; Des Moines, Iowa; Bellevue, Ohio. (1) Howard Kellogg, Jr.; (2) V. A. Acer; (2) Theodore C. Jewett; (2) Daniel J. Healy; (2, 5) R. B. Jude; (3) Fred J. Blacker; (4) C. L. Bruno; (6) R. L. Beyer; (8) R. E. Peterson. Hexane solv. "Spencer Kellogg's" 44% and 50% protein soybean oil meal; pellets; soy flour.

NORTH CAROLINA

Charlotte 1—BUCKEYE CELLULOSE CORP. Dist. mgr., J. C. Butler; (7) Wm. R. Johnston.

Clayton—CENTRAL OIL & MILLING CO., P. O. Box 67. Ph. 214-1. (1, 4, 5, 6, 8, 9) Paul Keller; (2) Elisabeth S. Keller; (3) J. E. Nelson; (7) Robert Wood. 2 French screw pr., cap. 40 t. Storage cap. 100,000 bu. "Comco" soybean oil meal. Served by SOU RR. Dormant.

Farmville—MORGAN OIL & REFINING CO., 600 W. Pine St. (1) Irvin Morgan, Jr.; (3, 4) W. F. Lane; (7) H. V. Dixon. 3 hydraulic pr., cap. 24 t. Storage cap. 35,000 bu. "Jocko" soybean oil meal. Served by EC, NS RR.

Fayetteville—SOUTHERN COTTON OIL CO., 135 C. St., P. O. Box 592. Ph. 32129. Main office New Orleans. Subsidiary of Wesson Oil & Snowdrift Co. (7) J. Gault; (9) O. L. Stubbs. 6 hydraulic pr., cap. 45 t. "Sco-Co" soybean oil meal. Soybean operations 50%. Served by ACL RR.

Fremont—FREMONT OIL MILL CO. (1) J. B. Lane; (2) E. R. Lane; (3, 4) Percy Lane Hayes; (7) W. R. Jones. 3 hydraulic pr., cap. 25 t. Storage cap. 15,000 bu. "Fomco" soybean oil meal and crude soybean oil. Served by ACL RR.

Goldsboro—SOUTHERN COTTON OIL CO., P. O. Box 564. Ph. 196; LD 30. Main office New Orleans. Subsidiary of Wesson Oil & Snowdrift Co. (9) and dist. mgr., W. V. Westmoreland. 2 exp. "Sco-Co" 45% protein hydraulic soybean oil meal. Served by ACL, SOU, AEC RR.

New Bern—NEW BERN OIL & FERTILIZER CO. Ph. 3194, 3195. (1, 5, 6) John S. Weckett; (2) H. G. Swan; (3, 4) W. W. McCotter; (7) F. C. Shearin. 2 screw pr., cap. 40 t. Storage cap. 300,000 bu. "N.O.M." soybean oil meal, mixed feeds and pellets. Served by NS, AEC, ACL RR.

Raleigh—BUCKEYE CELLULOSE CORP. Dist. mgr., J. T. Wright; (7) J. F. Moody.

Rocky Mount—PLANTERS COTTON OIL & FERTILIZER CO., P. O. Box 912. Ph. 2-2131, 2-2132, 2-2133. (1, 6) R. D. Gorham; (2) W. M. Daughtridge; (2) J. D. Robbins; (2, 5, 8) W. T. Melvin; (2, 9) G. W. Gorham, Jr.; (3) T. H. Pitt; (4) J. L. Murphy; (7) C. J. Raynor. 12 hydraulic pr., cap. 60 t. Storage cap. 200,000 bu. "Planco" soybean oil meal. Served by ACL RR.

Rocky Mount—SOUTHERN COTTON OIL CO., P. O. Box 109. Ph. 2-3166. Main office New Orleans. Subsidiary of Wesson Oil & Snowdrift

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MIAMI BEACH

PROCESSORS—(Continued)

Co., Inc. (7) J. W. Rhodes; (9) G. D. Coley, Jr. 2 exp., cap. 50 t. "Sco-Co" soybean oil meal. Soybean operations 25%. Served by ACL RR.

Tarboro—SOUTHERN COTTON OIL CO., Royster St. Ph. 2303, 2261. Main office New Orleans. Subsidiary of Wesson Oil & Snowdrift Co., Inc. (9) W. D. Moore. 8 hydraulic pr. "Sco-Co" soybean oil meal. Served by ACL RR.

Weldon—SOUTHERN COTTON OIL CO., P. O. Box 628. Ph. 9-328. Main office New Orleans. Subsidiary of Wesson Oil & Snowdrift Co., Inc. (9) C. E. King. 10 screw pr. "Sco-Co" soybean oil meal. Dormant. Served by ACL RR.

Wilson—FARMERS COTTON OIL CO., 510 E. Barnes St. Ph. 2154. (1, 5, 6) T. F. Bridgers; (2) C. P. Harris, Jr.; (3) J. L. Day; (4) H. M. Rogers; (7, 9) W. G. Bryant. 15 hydraulic pr., cap. 75 t. Storage cap. 275,000 bu. 45% protein soybean oil meal. Soybean operations 20%. Served by ACL, NS RR.

Wilson—SOUTHERN COTTON OIL CO. Ph. 3146, 3147. Main office New Orleans. Subsidiary of Wesson Oil & Snowdrift Co., Inc. (7) J. A. Arnold; (9) A. H. Wells. 8 hydraulic pr. "Sco-Co" soybean oil meal. Soybean operations 10%. Dormant. Served by ACL RR.

NORTH DAKOTA

Grand Forks—NORTH DAKOTA MILL & ELEVATOR. Ph. 4-5541. (5) K. Quaintance; (6) K. D. Ford; (7, 8) H. G. Jordheim; gen. mgr., P. R. Fossen. 3 screw pr., cap. 75 t.; hexane solv., cap. 45 t. Storage cap. 500,000 bu. "Dakota Maid" soybean oil meal, mixed feeds and pellets. Served by GN, NP RR.

OHIO

Bellevue—SPENCER KELLOGG & SONS, INC. Main office 98 Delaware Ave., Buffalo 5, N. Y. (7) H. Stokely. Hexane solv. 44% and 50% protein soybean oil meal; pellets. Served by NKP, PRR.

Cincinnati 1—BUCKEYE CELLULOSE CORP. Main office. (2) R. B. Williams; (2) W. H. Knapp; (2) B. J. Gantt.

Cincinnati 32—DRACKETT CO., 5020 Spring Grove Ave. Plant at Evendale. Ph. Mulberry 6500. (1) Roger Drackett; (3) K. H. Jones; (4) Albert Heckin; (5) John V. Kasler; (6) R. A. Fledderman; (7) Don Ramseyer; (8) Martha Settlemayer. Served by NYC, PRR.

Coshocton—FARMERS SOY PRODUCTS, 126 Hickory St. Ph. 50. Affiliate of Coshocton Farmers Exch. (1) Arthur Erman; (2) Glen Scheetz; (3) Edward B. Endsley; (4, 6) and mgr., Burt Miskimen; (5, 8) Dean Marty; (9) Ted Watson. 2 screw pr., cap. 32 t. Storage cap. 60,000 bu. "Exco" Expeller soybean oil meal. Soybean operations 275,000 bu. yearly. Served by NKP, PRR.

Delphos—DELPHOS GRAIN & SOY PRODUCTS CO. Ph. 5261. (1, 4) Floyd E. Hiegel; (2) Wm. J. Mericka; (3) John Marsh; (5) Paul Metzner; (6, 8) E. M. Wiecher; (7, 9) Walter J. Suever. 2 Anderson hexane solv., cap. 240 t. Storage cap. 1,500,000 bu. at Delphos and Lexington. Served by NKP, B&O, PRR.

Fostoria—SWIFT & CO. Main office Chicago. (7) F. E. Doll. (8) W. F. Hendren; H. F. Lester. "Swifts" soybean oil meal.

Marion—CENTRAL SOYA CO., INC. Main office Fort Wayne. (9) Max Spencer. Solv., cap. 400 t. Storage cap. 2,500,000 bu. Central Thrifty-Fifty, Fish 'n Fifty and Forty-Four soybean oil meal, "Centrol" lecithin, "Centrol" soybean oil products, "Master Mix" concentrates and complete feeds.

Ohio City—HOLLAND PIONEER MILLS, INC. (1, 3, 5, 6) G. A. Holland; (2, 4) J. R. Klosterman; (7) Owen Gephart; traffic mgr., Jas. K. Snouffer. 2 exp., cap. 46 t. Storage cap. 200,000 bu. "Lucky Strike" soybean oil meal, feeds and pellets. Served by ERIE, NYC, NKP RR.

Painesville—A. E. STALEY MFG. CO. Ph. Elmwood 4-3523. Main office Decatur, Ill. (8) Lyle Wiegand; (9) Thomas Longbons. Hexane solv. "Staley's" soybean oil meal 44% protein, "Hi-Pro-Con" 50% protein soybean oil meal, and "Staley's" soybean mill feed. Served by B&O, NYC, NKP RR.

Rossford—GENERAL MILLS, INC., soybean div. Ph. Lennox 6558. Main office Minneapolis. Grain buyer and office mgr., L. R. Brewster; (7) G. W. Martin. Storage cap. 1,500,000 bu. "General Mills" 44% protein extracted soybean oil meal and 50% protein dehulled soybean oil meal.

OKLAHOMA

Durant—DURANT COTTON OIL & PEANUT CORP., 401 Railway Ave. Ph. 1900, 1901. (1) G. W. Morrow; (2, 5, 6, 8) W. H. Sands; (2, 9) G. W. Morrow, Jr.; (3, 4) J. C. Taylor; (7) J. G. Enoch; office mgr., D. W. Sands. 2 exp., cap. 40 t. Storage cap. 100,000 bu. "Durco" soybean oil meal and pellets. Served by SLSF, KO&G, MKT RR.

Guthrie—GUTHRIE COTTON OIL CO., P. O. Box 446. Ph. 400; LD 10. (1) John C. Pearson, Jr.; (3, 4) Geo. Elder; (5, 7) E. J. Murphy. 6 screw pr., cap. 70 t. Storage cap. 175,000 bu. "Red Steer" soybean oil meal and pellets. Soybean operations 75%. Served by ATSF RR.

McAlester—McALESTER OIL MILL CO., 14th and Washington, P. O. Box 275. Ph. 710; LD 3. (1, 5, 6, 8, 9) P. F. Rosso; (2) S. C. Boswell; (3) J. A. Rosso; (4) Jimmy Hall; (7) H. D. Moore. 4 French pr., cap. 55 t. Storage cap. 150,000 bu. "Red Seal" soybean oil meal and pellets. "Choctaw" mixed feeds. Served by RI, MKT RR.

Muskogee—MUSKOGEE COTTON OIL MILL, 724 N. Mill St. Main office Kimbrell Oil Mill, Box 1540, Fort Worth. (5, 8, 9) G. N. Irish; (7) J. E. Earl. 3 French pr., cap. 60 t. Storage cap. 260,000 bu. "Musco" and "Red Seal" soybean oil meal and pellets. Served by MKT, SLSF, MV, KO&G RR.

Oklahoma City—PRODUCERS COOPERATIVE OIL MILL, 5 E. Frisco St. Ph. Central 2-5173. (1) W. H. Kossanek; (2) J. G. Stratton; (3) J. Bryan Gentry; (7) J. B. Haskew; (9) A. L. Hazelton; asst. mgr., B. W. Heath. 5 screw pr., cap. 100 t. Storage cap. 350,000 bu. "Co-op" soybean oil meal and pellets. Served by SLSF RR.

Oklahoma City—SOUTHLAND COTTON OIL CO., div. Anderson, Clayton & Co. Main office Paris, Tex.

Oklahoma City—SOUTHWESTERN COTTON OIL CO., 6 SE. 4th St., P. O. Box 1217. (1) R. A. Vose; (2) A. E. King, Jr.; (3, 4, 5, 6, 8, 9) Mrs. G. E. Mace; (7) Herbert Hott. 6 hydraulic pr., cap. 62 t. Storage cap. 400,000 bu. "Little Bull" soybean oil meal and pellets. Soybean operations 50%. Served by ATSF, RI, MKT, SLSF RR.

SOUTH CAROLINA

Kershaw—KERSHAW OIL MILL. (1) and gen. mgr., H. L. McPherson; (2) Edna S. Stevens; (2) Fred E. Culvern; (3) John S. Davidson; (4) and asst. gen. mgr., T. V. Hough; (7) Y. L. Copeland. 5 exp., cap. 125 t. Storage cap. 500,000 bu. 45% protein soybean oil meal. Served by SOU RR.

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PROCESSORS—(Continued)

Lancaster—LANCASTER COTTON OIL CO. Affiliate Kershaw Oil Mill. (1, 5, 6) H. L. McPherson; (2, 4, 8) W. G. Taylor; (3) A. P. McLure; (7, 9) W. Ben Sowell. 2 exp., cap. 70 t. Storage cap. 150,000 bu. "Palmetto" soybean oil meal. Soybean operations 33%. Served by SOU, LC RR.

Marion—MARION COTTON OIL CO. Affiliate of Kershaw Oil Mill. (1, 5, 6, 8) H. L. McPherson; (3) John S. Davidson; (4) T. V. Hough; (7) Roy Peebles; (9) W. W. Snipes. 3 screw pr. Storage cap. 25,000 bu. Served by ACL RR.

Orangeburg—SOUTHERN COTTON OIL CO. P. O. Box 313. Ph. 12, 2237. Main office New Orleans. Subsidiary of Wesson Oil & Snow-drift Co., Inc. (9) Lamar Judy. "Sco-Co" soybean oil meal. Dormant. Served by SOU, ACL RR.

TENNESSEE

Chattanooga—CENTRAL SOYA CO., INC. Main office Fort Wayne, Ind. (9) Wendell E. Mann. Solv., cap. 500 t. Storage cap. 3,000,000 bu. Central Thrifty-Fifty, Fish 'n Fifty and Forty-Four soybean oil meal, "Centrol" lecithin; "Centrol" soybean oil products; "Master Mix" concentrates and complete feeds. Served by SOU RR.

Memphis — BUCKEYE CELLULOSE CORP. Mgr. seed buying, W. R. Flippin; dist. mgrs., T. F. Horn, R. H. Norris; Binghamton Mill (7) J. M. Williams; Hollywood Mill (7) W. E. Hassler.

Memphis—CARGILL, INC., 1877 Channel Ave., P. O. Box 277. (7) V. K. Behounek. Hexane solv. "Cargill" soybean oil meal and pellets. Served by SLSF, IC, MP RR.

Memphis — SWIFT & CO., P. O. Box 3867, Lamar Sta. Main office Chicago. (5, 9) E. C. McGee; (7) W. H. Stewart. "Swift's" soybean oil meal.

Nashville—NASHVILLE COTTON OIL MILL CORP., 410 Chestnut St. (1, 6, 8) E. Rice, Jr.; (2) S. H. Ridens; (3, 4, 5) W. W. Smith; (7) Joseph Kennedy. Anderson solv., cap. 100 t. Storage cap. 300,000 bu. "Famous" mixed-feeds and pellets; soybean oil meal. Soybean operations 33%. Served by N&C, L&N RR.

Ridgely—PHOENIX OIL MILL. Ph. 87. (1, 9) George Wynn Smith; (7) William E. Lindamood. Prepressing plant (4 exp., hexane solv.), cap. 80 t. Storage cap. 360,000 bu. "Pure Gold" 44% protein soybean oil meal. Served by IC RR.

Tiptonville — WEST TENNESSEE SOYA MILL, INC. Ph. 212; LD 60. (1) J. E. Vaughn; (2) Peter Frederickson; (3, 4) W. A. McCutchen; (5, 6, 8, 9) Tyler Terrett; (7) Thos. Hutchinson. Allis-Chalmers hexane solv., cap. 150 t. Storage cap. 950,000 bu. 44% protein solv. ext. soybean oil meal. Soybean operations 35,000 t. Served by IC RR.

TEXAS

Gatesville—CORYELL COUNTY COTTON OIL CO. Ph. 6. (5, 6) and owner, R. S. Ray; (7) Robert C. Howell; (8, 9) Joe L. Galey. 4 French screw pr., cap. 80 t. Storage cap. 100,000 bu. Soybean oil meal and pellets; "Golden Gate" mixed feeds. Principal crush is cottonseed. Served by SSW RR.

Hamlin — MID WEST COOPERATIVE OIL MILL, P. O. Box 398. Ph. 174. (1) T. T. Smith. Colorado City; (2) Jack B. Fry; (3, 4, 9) R. L. McClung; (7) D. A. Mullings. 4 French screw pr., cap. 120 t. Storage cap. 235,000 bu. Crush soybeans when cottonseed not available. Served by MKT, ATSF RR.

Paris—SOUTHLAND COTTON OIL CO. div of Anderson, Clayton & Co. Processing plants at Oklahoma City, Okla.; Shreveport, La.; Jackson, Miss. Gen. mgr., J. R. Gill.

San Marcos—SAN MARCOS OIL MILL, P. O. Box 8. Ph. Export 2-2318. (1) L. J. Eastwood; (3, 4, 5, 6, 8, 9) H. K. Eastwood; (7) Albert Dameriau. 1 screw pr., cap. 15 t.; 3 hydraulic pr., cap. 20 t. Storage cap. 200,000 bu. 41% protein soybean oil meal and pellets. Served by IGN, MKT RR.

Seguin—SEGUIN COTTON OIL CO., 561 W. New Braunfels. P. O. Box 750. Phone 5, 47. (1) D. C. Blumberg; (2) Q. Dittmar; (3, 4, 5) Hugo G. Schmitt; (7) Foy Kuhn. 1 screw pr., cap. 60 t. Storage cap. 100,000 bu. "Sunny Home" mixed feeds and pellets. Soybean operations about 33%. Served by SP RR.

Sherman—GENERAL VEGETABLE OIL CO. Ph. LD 45. Also office Fort Worth. Affiliate of Kimbell-Norris Mills. (1, 6) P. A. Norris, Jr.; (2) Kay Kimbell; (2, 5, 8) W. B. Vaughan; (3) B. J. Quinn; (7) J. H. Fryer; (9) F. D. Phillips. 4 screw pr., hexane solv., cap. 200 t. Cottonseed major operation. Served by MKT RR.

Wharton—PEOPLES COTTON OIL CO., P. O. Box 1180. Plant 500 Sunset St. Ph. 43, 84. (1, 4, 5, 6, 9) H. E. Wilson; (2) Mrs. Hans Guldman; (3) S. R. Harmanson, Jr.; (7) Fred Johnson. 2 French screw pr., cap. 100 t. Storage cap. 10,000 bu. 43% soybean oil meal. Soybean operations part time. Served by SP ATSF RR.

VIRGINIA

Suffolk—SUFFOLK OIL MILL, INC., P. O. Box 736. (1, 5, 6, 8) L. W. Caulk, Jr.; (2) L. B. Caulk; (3, 4) J. F. Caulk; (7) J. H. Jones. Soybeans operations 3%. Served by VGN RR.

CANADA

Altona, Man. — CO-OP VEGETABLE OILS LTD., P. O. Box 150. Ph. 62. (1) J. J. Peters; (2) Jac Hooge; (3, 4) D. K. Friesen; (5) John Funk; (6, 8, 9) John Enns. 3 exp., cap. 50 t. Storage cap. 250,000 bu. Soybean operations 250,000-400,000 bu. Served by CP RR.

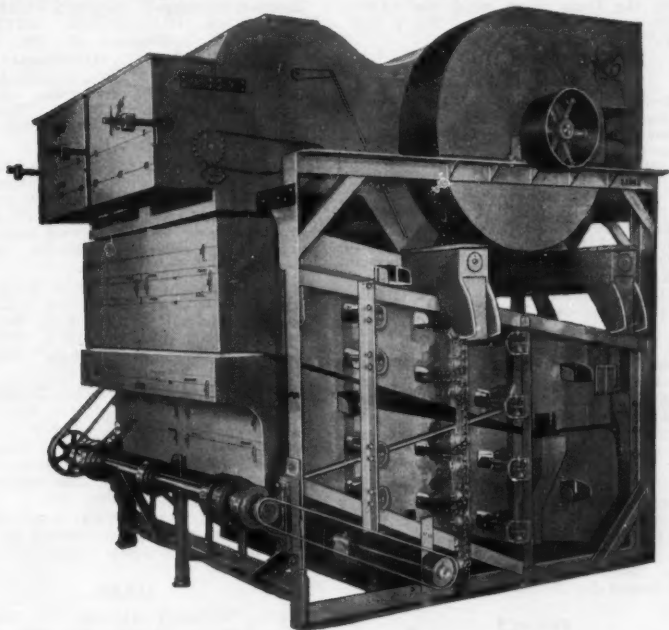
Fort William, Ont. — EDIBLE OILS LTD., P. O. Box 130. Main office Winnipeg, Man. (1) K. A. Powell; (2) J. Gordon Ross; (3, 4) W. T. Powell; (7) R. A. Purves; (9) A. J. Lamminen. 4 exp., cap. 80 t.; solv., cap. 50 t. Storage cap. 50,000 bu. "Edible" soybean oil meal. Served by CN, CP RR.

Hamilton, Ont. — CANADIAN VEGETABLE OIL PROCESSING LTD., Victoria Ave. and Burlington St. (1, 5, 6, 8, 9) G. S. Boulter; (2) J. Reesor; (3, 4) G. H. Vinnall; (7) B. Mooney. Anderson hexane solv., cap. 250 t. Storage cap. 650,000 bu. "CVOP" soybean oil meal. Served by CN RR.

Toronto, Ont.—TORONTO ELEVATORS LTD., 417 Queen's Quay W. Ph. Empire 4-7161. (1) J. D. Leitch; (2) R. C. Berkinshaw; (2) feed div., F. W. Present; (2, 5) grain div., A. D. Clark; (3) F. T. Carnegie; (4) G. W. Hawes; oil man; (6) W. G. Milliken; (8) J. Cormack. 8 screw pr., cap. 150 t.; hexane solv., cap. 150 t. Storage cap. 2,000,000 bu. "Double Diamond" soybean oil meal; "Master" mixed feeds and pellets. Served by CN, CP RR.

Toronto, Ont.—VICTORY SOYA MILLS, LTD., 285 Fleet St. E. Affiliate of Procter & Gamble Co., Cincinnati, Ohio. Ph. Empire 2-8771. (2) and gen. mgr., E. L. Newman; (2, 3) G. Abrams; (2, 5) in charge purchases, A. R. Gillespie; (2, 7) R. G. Loftus; (2, 8) J. C. Henderson. Served by CN, CP RR.

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SOYBEAN BLUE BOOK

FOREIGN PROCESSORS

Includes the firms about which the editors were able to obtain information. Not a complete list.

BELGIUM

Izegem—S. A. HUILERIES VANDEMOOR-TELE, Boulevard Albert, 8. Ph. 57, 237, 351, 1275. (1) Adhemar Vandemoortele; (5, 6) Raymond Vandemoortele. Hexane solv., cap. 140 t. Storage cap. 400,000 bu.

DENMARK

Copenhagen—DANISH OIL MILLS & SOAP FACTORIES, LTD., 11, Lyngbyvej. Ph. Central 8612. (1) F. Brandt-Hansen; (3) C. C. Clausen; (4) S. A. Lehd; (5) S. Guldner; (6, 8) P. Mortensen; (7) P. Mengel; (9) C. Munck. 4 exp. and solv. Storage cap. 75,000 bu.

ENGLAND

London, E. C. 4—BRITISH OIL & CAKE MILLS LIMITED, Unilever House, Blackfriars. Four plants in England and one in Scotland. Chm., G. Chipperfield; vice chm., A. E. Robinson; tech. dir., J. G. Collingwood. Exp. and hexane solv. "B.O.C.M. Ltd." mixed feeds and pellets. Soybean operations part time. Served by British Railways.

London, E. C. 3—SOYA FOODS LTD., Colonial House, 30/34 Mincing Lane. Ph. Mansion House 9052/3. Plant at Jacob St., Bermondsey, London S. E. 1. Affiliate of Spillers Ltd. Storage cap. 40,000 bu. "Soyolk" and "Diasoy" — full-fat soya flours. Served by British Railways.

FRANCE

Bordeaux — GRANDE HUILERIE BORDELAISE, 8, cours de Gourgue. Plant at 180 quai de Brazza, Bordeaux-Bastide. (1) M. Philippart. 11 screw pr., cap. 150 metric t.; solv., cap. 150 metric t. Storage cap. 10,000 metric t. "Croix-Verte" soybean oil meal; "Nutrix" mixed feeds; "Fluidor" lecithin. Served by SNCF RR.

Paris (8eme)—HUILERIES PIERRE MARCH-AND FRERES & CIE, 37, rue du General Foy. Ph. Europe 50-56. Enterprise at Petite Synthe (Nord). (1) M. Maurice Marchand; (2) M. Andre Marchand; (7) Monsieur Andre Doyon. 8 exp., cap. 100 t.; hexane solv., cap. 75 t. Storage cap. 6,000 metric t. Soybean operations 3,000 metric tons.

GERMANY

Dusseldorf/Holthausen — HENKEL & CIE, G.m.b.H., Henkelstrasse 67. Solvent plant not operating.

Hamburg 23—STETTINER OELWERKE IN HAMBURG A.G. Directors, G. Saltzwedel, Dr. O. Tewaag; (6, 8) K. Viergutz. 12 screw pr., cap. 150 t.; benzine solv., cap. 250 t. Storage cap. 5,000 t. Sojaschrot "Imperial" soybean oil meal; "Mandschu" and "Sedina" refined oil.

Hamburg-Harburg — HARBURGER OELWERKE BRINCKMAN & MERGELL, Seehafenstrasse 2. Ph. 77 11 41. (1) Max John Brinckman; (2) K. V. v. Sydow; (4) W. Plett; (5) W. A. Sostmann; (6) R. Zehe; (7) H. v. Westernhagen; (8) W. Seiffert; (9) H. Schnakenberg; chief chemist, Dr. J. Baltes. Screw pr., cap. 750 t.; German special solvent 75/85 C or hexane, cap. 750 t. Storage cap. 900,000 bu. "Hobum" soybean oil meal. Served by Hamburg-Untereibe, Anschlussgleis 11 RR.

Hamburg-Harburg—F. THORL'S VEREINIGTE HARBURGER OLFABRIKEN AKTIENGES-ELLSCHAFT, Schliessfach 47. Ph. Hamburg 77 1231. (3) Dr. Guschall; (4) Geckmann; (4) Dr. Schraud; (6) Halder; (7) Wardenphul; (8) Wartberg; (9) Hanel. Benzine solv., cap. 550 t. Storage cap. 20,000 t. at Citadel. "Thorl" soybean oil meal. Soybean processing 25%. Served by Deutsche Bundesbahn RR.

Hamburg-Wilhelmsburg — HANSA-MUHLE A. G., Kohlbrandstr. 1. Plants for extraction, oil refining and hardening at Hamburg-Neuhof. (1) Dr. H. Carls and Erich Ancker; (7) A. Klein-hempel. 4 screw pr., cap. 360 t.; benzine solv., cap. 500 t. Storage cap. 440,000 bu. Sojaschrot "Hansacithin Extra" lecithin.

Krefeld-Verdingen — HOLTZ & WILLEMSSEN K.G., Querstr. 30. Ph. Krefeld 43251. Mgr.: Geschäftsführer: Dr. Helmut Bock, Reiner Willemssen. Benzine solv., cap. 350 t. Storage cap. 5,000 tons. "Holtz & Willemssen" soybean oil meal.

Neuss/Rhein—O. & L. SELS, Dusseldorfstr. 101. Ph. 4054-56. 4 screw pr., cap. 100 t.; hexane solv., cap. 100 t. Soybean oil meal.

Neuss/Rhein—C. THYWISSSEN, Olfabrik. (1) Josef, Carl and Hermann Thywissen. 17 exp., cap. 350 t.; solv., cap. 600 t. Also refining. Storage cap. 350,000 bu. Lecithin.

Neuss/Rhein — WALTER RAU NEUSSER OELWERKE A.G., Industriestrasse 36. (1) Dr. Hubertus Carls; (5) Erich Ancker.

ISRAEL

Haifa—"SHEMEN" ISRAEL OIL INDUSTRY LTD., Box 136. Ph. 4681, 4682, 4683. Mg. dir., Uriel Shalon; (5) Samuel Ousiel; (7, 9) Joseph Zaretsky. 10 screw pr., cap. 150 t. Allis-Chalmers and De Smet solv., cap. 225 t. Storage cap. 200,000 bu. "Shemen" soybean oil meal. Approximate soybean operations up to 3,500 tons monthly. Served by Haifa Port.

Tel-Aviv—CONSOLEXT LTD., P.O.B. 823. Ph. 23217/8/9. Plant at Nahlat Izhak Quarter. Subsidiary of Izhar Oil Industry of Palestine Ltd. Joint managing directors, A. L. Lichtenstein, M. Green; (3, 4) F. Berger; (5) Food Controller of the Government of Israel, Israel Oil Crushers' Pool Ltd.; (6) M. Cohen; (7, 9) S. Borock M.E.; (8) M. Cohen. Hexane solv., cap. 120 t. Storage cap. 3,000 t. "Consolex" soybean oil meal. Soybean operations 6 mo. Served by Haifa-Tel-Aviv RR and/or Lorry.

JAPAN

Asahikawa—HOKUO OIL CO., LTD., 6-chome, Nagayama-dori. Branch offices Otaku, Tokyo, and Sapporo, Hokkaido. Ph. 16, 8303, 5950, 5951, 5952. (1) S. Morikawa; (2, 7) E. Kita; (3) T. Morikawa; (4) Y. Ono; (6, 8) S. Kagotani; (9) I. Wakamatsu. 2 screw pr., cap. 10 t.; hexane solv., cap. 141 t. Storage cap. 120,000 bu. "Hokuo" soybean oil and meal; soap, fatty acid, lecithin. Approximate soybean operations 12,000 t.

Handa-shi — ASAHI OIL CO., LTD., 21 Kanigashima, Kamezaki. (1) S. Kojima; (3) A. Kojima; (4) Y. Tanaka; (5, 8) M. Yamada, (6) H. Dogaki; (7) Y. Nakamura. Hexane solv., cap. 53 t. Storage cap. 1,500 t. "Asahi Mame" soybean oil meal. Approximate soybean operations, 25 t. per day. Served by Taketo Line, Japanese National RR.

FOREIGN PROCESSORS—

(Continued)

Okayama—NIHON KOYU KOGYO K.K., No. 83 Minamigata. Ph Okayama 3-1101. Chm. of board, Kameshiro Akazawa; (1) Teiji Tabuchi; (2) Hisao Morioka; (3) Ichiro Nakamura; (5) Isao Akazawa; (6) Tamotsu Kobayashi; (7) Tsugio Kato; (9) Takaichi Suyetsna. 22 screw pr., cap. 120 t.; hexane solv., cap. 300 t. Storage cap. 100,000 bu. "Nikko" soybean oil meal.

Osaka — UEDA OIL MILL CO. LTD., 1222 Hanaten-cho, Zyoto-ku. Ph. (33) 1456-9. (1) Chon-oshin Ueda; (2) Hyozo Ueda; (3) Kyoichi Inoue; (4) Yukihiro Murakami; (5) Chotaro Kashiwara; (6) Nobuo Adachi; (7) Zennosuke Morita; (8) Masanobu Iwanaga; (9) Toshiaki Kawata. 5 screw pr., cap. 50 t.; hexane solv., cap. 50 t. Storage cap. 14,000 bu. Approximate soybean operations, 1,000 t. Served by Katamachi RR.

Osaka — YOSHIMURA OIL MILL, LTD., No. 1 Soze-cho, Kitaku. Ph. (44) 7651-7659(9). Plant at Imazu, Nishinomiya, Hyogoken. Ph. Nishinomiya 5501-5506(6). (1) Jiro Yoshihara; (2) Hideka Taniguchi; (3) Takeo Abe; (4) Bunji Saito; (5, 6, 8) Tetsu Nakamura; (6) Kyoji Yatohji; (7) Shuichiro Kimoto; (9) Takuji Wada. Screw pr., cap. 300 t., solv., cap. 350 t. "Gotoku" soybean oil meal. Served by Tokaido RR.

Saga — RIKENOSAN KAKO CO. LTD., Otakara 375. Ph. 4181, 4182, 4183, 4184. Affiliate of Uike Co. Ltd. (1) Shiro Uike; (2) Goro Uike; (3) Murato Higuchi; (4) Hiroshi Fujii; (5, 6, 8) Jigoro Imamachi; (7) Hajime Mori; (9) Yoshiharu Okawa. Screw pr. and hexane solv., cap. 75 t. Storage cap. 40,000 bu.

Shiga-ken—TAIYU SEIYU CO. LTD., No. 72 Inokoto Notogawa-cho, Kanzaki-gun. Ph. Notogawa 1, 101. (1, 7) S. Takasu; (4) T. Inoue; (6, 8, 9) mg. dir., S. Fukuchi. 8 screw pr., cap. 40 t.; hexane solv., cap. 20 t. Storage cap. 36,740 bu. "TS" soybean oil meal. Served by the Japanese National RR.

Shimonoseki — OHTSUYA CO., LTD., 1-chome, Kibune-mach. Ph. (2) 795-796-1395-4965. (1) Yoshisuke Hayashi; (2) Kousuke Hayashi; (3) M. Hayashi; (4) Takeji Kameda; (5, 6, 8) T. Edamura; (7) Sunao Tashiro; M. Tanaka. Benzene solv., cap. 60 t. Storage cap. 80,000 bu. "Maruso" soybean oil meal. Approximate soybean operations, 4,000 t. annually.

Tokyo — HOHNEN OIL CO., LTD., 5 2-chome, Horidome-cho, Nihonbashi, Chuo-ku. Plants at Shimizu, Naruo, Sakaide. Offices in Osaka, Nagoya, Sapporo. Chm., Kintaro Sugiyama; (1) Mototaro Sugiyama; mg. dir., Mitsuo Hirano and Motonobu Sugiyama. Total daily cap., 1,200 t. "Hohnen" soybean oil, meal glue, lecithin and other vegetable oils and meals.

Tokyo—NISSHIN OIL MILLS, LTD., 2 Shin-kawa-2-chome, Chuo-ku. Ph. (55) 9191-5. Offices in Osaka, Otaru. Plants at Yokohama, Kobe. (1) Yukio Sakaguchi; (4) Kingo Fukagawa; (5) Ryuzo Niimi; (6) Kiyoji Yanagawa; (7) Hanetaro Zusho (Yokohama plant); (8) Katsura Yokota (Kobe plant); (8) Takenori Furuya. Yokohama plant: 34 screw pr. (for other oilseeds), cap. 180 t.; hexane solv., cap. 300 t. Storage cap. 600,000 bu. Kobe plant: 21 screw pr. (for other oilseeds), cap. 110 t. "NOM" soybean oil, other vegetable oils, glue, lecithin, fatty acid. "Daikyu" soybean meal, other vegetable meals. "Nissin" salad oil, cooking oil.

Yao-City—HIRANO OIL MILL, LTD., 1293 Uematsu, Osaka Pref. Ph. Yao 440, 441. (1) H. Shimazu. 5 screw pr., cap. 15 t.; hexane solv., cap. 30 t. Storage cap. 20,000 bu. Mixed feeds.

Approximate soybean operations 800 t. per month. Served by Kwansai line of Japan National RR.

Yokkaichi—KUMAZAWA VEGETABLE OIL MFG. CO., LTD., Suehirocho 10. Ph. 4,125. (1) J. Hayashi; (3) M. Kumazawa; (9) K. Ogata; mg. dir., J. Kuzuhara, M. Okumura; auditors, K. Mizutani, S. Toshimori; chief mg. partner, K. Nakayama; chief research worker, T. Kumazawa. 12 screw pr., cap. 102 t.; hexane solv., cap. 57 t. Storage cap., 81,000 bu. "Ichikawa" soybean oil meal and Shirashime cooking oil. Served by a canal from Yokkaichi port.

Yokohama—AJINOMOTO CO., INC., 30 Dai-koku-cho, Tsurumi-ku. Ph. Tsurumi 5671-6. Also plant at 2964, Suzuki-cho, Kawasaki. Head office, 7, 1-chome, Takaracho, Chuo-ku, Tokyo. Offices, 30 Broad St., New York 4, and 124 S. San Pedro St., Los Angeles 12. (1) Toyonobu Domen; (4) Bunzo Watanabe; (5, 6) Kyoji Suzuki; (9) Haruomi Oeda. 7 screw pr. (for rapeseed only), cap. 140 t.; Hexane solv., cap. 350 t. Storage cap. 800,000 bu. Soybean oil meal for own consumption. "Ajinomoto" monosodium glutamate, seasoning agent for foods; "Mieki" chemical soy sauce (liquid, MSG being partially extracted), blending material for fermented Japanese soy sauce; "Ajinomoto's" lecithin. Served by Tokaido RR.

Yokohama—SHOWA SANGYO CO., LTD. Plant at 24, Daikoku-cho, Tsurumi-ku, Kanagawa. Office at 5, Kanda-Kamakura-cho, Chiyodaku, Tokyo. Ph. Kanda (25) 7101-7115. (1) K. Matsumoto; (2) K. Ideta; (2, 3) K. Shimada; (2, 4) W. Toda; (2, 5, 7) K. Hirano; (6, 8) H. Katagiri; (9) S. Takahashi. 8 screw pr., cap. 100 t.; hexane solv., cap. 378 t. Storage cap. 900,000 bu. "Maruni" soy oil, meal and mixed feeds. Approximate soybean operations 90%.

NORWAY

Oslo—A/S NORSK SOYAMELFABRIK, Fr. Nansenspl. 9. Phone 427353. Plant at Larvik. Phone 4040. (1, 5) Ludvig Ramm; (7) Arne Flood; (9) Karl Schoning. Solv., cap. 115 t. Storage cap. 200,000 bu. "Prota" soybean oil meal. Served by Oslo-Drammen-Larvik RR.

SOUTH AMERICA

Campinas-Sao Paulo-Brazil — CIA. SWIFT DO BRASIL S.A. Ph. 3291-2-3. Affiliate of International Packers Ltd. Head office Sao Paulo. (1) C. E. Wrynn; (2) A. L. Martinelli; (3, 4) F. S. Lanzetta; (5, 6, 8, 9) O. H. Obertopp; (7) R. H. Welker. 10 screw pr., cap. 60 t. Storage cap. 400,000 bu. "Swift-Plate" soybean oil meal; low-fat soy flour. Soybean operations 2,000-5,000 t. Served by E. F. Paulista-Mogiana-Sorocabana RR.

Santa Rosa, RGS, Brazil—INDUSTRIA GAU-CHA DE OLEOS VEGETAIS S/A, P. O. Box 81. Directors, Charles K. W. Tee, Eurico Leusin, S. M. Ling and Joao E. Meneghetti. 4 screw pr., cap. 25 t. Complete refining—soybeans, linseed peanut, tung.

Sao Paulo-Brazil — CIA. SWIFT DO BRASIL S.A. Head office. Plant at Sao Jose de Rio Preto. Ph. 2750-1711. Affiliate of International Packers Ltd. (1) C. E. Wrynn; (2) A. L. Martinelli; (3, 4) F. S. Lanzetta; (5, 6, 8, 9) O. H. Obertopp; (7) D. J. Lima. 4 screw pr., cap. 40 t. Storage cap. 300,000 bu. "Plate-Swift" soybean oil meal. Soybean operations part time. Served by Estrada de Ferro Araraquara RR.

REFINERS OF SOYBEAN OIL

CALIFORNIA

Berkeley—GLIDDEN CO.
 Long Beach—PROCTER & GAMBLE MFG. CO.
 Long Beach—SPENCER KELLOGG & SONS, INC.
 Los Angeles — ARCHER-DANIELS-MIDLAND CO.
 Los Angeles — LEVER BROS. CO., 6300 E. Sheilia St.
 Richmond — PACIFIC VEGETABLE OIL CORP., 1145 S. 10th St.
 San Francisco—BEST FOODS, INC.
 San Francisco 7—PACIFIC VEGETABLE OIL CORP., 62 Townsend St. Plant at 1145 S. 10th St., Richmond. Manufacturing refiner.
 Wilmington—VEGETABLE OIL PRODUCTS CO., INC., 401 Canal Ave.

GEORGIA

Macon—PROCTER & GAMBLE MFG. CO.
 Savannah—SOUTHERN COTTON OIL CO.

ILLINOIS

Chicago 9—ARMOUR & CO., Union Stock Yards. Plants at Chicago, Fort Worth, Chattanooga, Jersey City.
 Chicago—BEST FOODS, INC.

Chicago—GLIDDEN CO.
 Chicago—PROCTER & GAMBLE MFG. CO.
 Chicago—SOUTHERN COTTON OIL CO.
 Chicago—SPENCER KELLOGG & SONS, INC.
 Chicago 1—WILSON & CO., INC., Prudential Plaza. Plants at Chattanooga and Oklahoma City.
 Decatur—ARCHER-DANIELS-MIDLAND CO.
 Decatur—A. E. STALEY MFG. CO.
 Jacksonville—ANDERSON, CLAYTON & CO. FOODS DIV., P. O. Box 368, RFD No. 6.

INDIANA

Hammond—LEVER BROS. CO., 1200 Calumet Ave.

IOWA

Belmond—GENERAL MILLS, INC.
 Clinton — PILLSBURY MILLS, INC., Wilson Bldg.

KENTUCKY

Louisville—GLIDDEN CO.

LOUISIANA

Gretna—SOUTHERN COTTON OIL CO.
 Opelousas—OPELOUSAS OIL REFINERY, 909 Railroad Ave. Affiliate Cotton Products Co., Inc., Opelousas.

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MINNESOTA

Mankato—ARCHER-DANIELS-MIDLAND CO.
Mankato, Minn. — HONEYMEAD PRODUCTS
CO., P. O. Box 750.

Minneapolis — ARCHER-DANIELS-MIDLAND
CO., 700 Investors Bldg. Plants in Mankato and
Minneapolis, Minn.; Decatur, Ill.; Buffalo, N. Y.;
Newark, N. J.; Los Angeles, Calif.

Minneapolis 1 — GENERAL MILLS, INC.,
soybean div., 400 2nd Ave. S. Plant, Belmond,
Iowa.

MISSOURI

St. Louis 7—THE BLANTON CO., 3400 N.
Wharf.

NEW JERSEY

Bayonne—BEST FOODS, INC.

Bayonne—COLONIAL PACKING CORP., 180-
190 W. 5th St. Other plants, Italian Cook Oil
Corp. and Pem Sales Co., Inc.

Bayonne—SOUTHERN COTTON OIL CO.

Boonton — E. F. DREW & CO., INC.

Edgewater—LEVER BROS. CO., 101 River Rd.

Edgewater—SPENCER KELLOGG & SONS,
INC.

Jersey City—ARMOUR & CO.

Newark—ARCHER-DANIELS-MIDLAND CO.

NEW YORK

Buffalo—ARCHER-DANIELS-MIDLAND CO.

Buffalo—SPENCER KELLOGG & SONS, INC.,
98 Delaware Ave. Plants at Edgewater, N. J.;
Bellevue, Ohio; Decatur and Chicago, Ill.; Long
Beach, Calif.; Des Moines, Iowa.

Elmhurst, L. I.—GLIDDEN CO.

New York 17—BEST FOODS, INC., 1 E 43rd
St. Plants at Bayonne, N. J.; Chicago, Ill.;
Dallas, Tex.; San Francisco, Calif.

New York 10—E. F. DREW & CO., INC., 15
E. 26th St. Plant, Boonton, N. J.

New York 22—LEVER BROS. CO., 390 Park
Ave. Refining plants at 101 River Road, Edge-
water, N. J.; 1200 Calumet Ave., Hammond, Ind.;
6300 E. Sheila St., Los Angeles 22, Calif.

Port Ivory, Staten Island — PROCTER &
GAMBLE MFG. CO.

Staten Island 2—BROWN-ALLEN CHEM-
ICALS, INC., 2581 Richmond Terrace.

OHIO

Bellevue—SPENCER KELLOGG & SONS, INC.
Cleveland 14—GLIDDEN CO., 900 Union Com-
merce Bldg. Oil refining operations conducted
through Durkee Famous Foods vegetable oil
products div. with plants at Elmhurst, L. I.,
N. Y.; Chicago, Ill.; Berkeley, Calif.; Louisville,
Ky.

Columbus 16—CAPITAL CITY PRODUCTS
CO., 525 W. 1st Ave., P. O. Box 569.

Ivorydale, Cincinnati—PROCTER & GAMBLE
CO.

OKLAHOMA

Oklahoma City 1—WILSON & CO., INC., P. O.
Box 1905.

PENNSYLVANIA

Philadelphia 34—C. F. SIMONIN'S SONS,
INC., Tioga and Belgrade Sts.

TENNESSEE

Chattanooga—ARMOUR & CO.

Chattanooga 1—WILSON & CO., INC., Box 1230.

Memphis—HUMKO CO., 1702 N. Thomas St.
Offices: New York, Chicago, Philadelphia, Los
Angeles.

Memphis—SOUTHERN COTTON OIL CO.

TEXAS

Abilene—WESTERN COTTON OIL CO., div. of
Anderson, Clayton & Co. refinery div., P. O.
Box 521.

Dallas—BEST FOODS, INC.

Dallas—PROCTER & GAMBLE MFG. CO.

El Paso—WESTERN COTTON OIL CO., div. of
Anderson, Clayton & Co. refinery div.

Fort Worth—ARMOUR & CO.

Sherman — ANDERSON, CLAYTON & CO.,
Foods Div., 1201 E. Pecan St.

VIRGINIA

Portsmouth—PROCTER & GAMBLE MFG. CO.

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CANADA

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Toronto, Ont.—LEVER BROS. LTD., 299 East-
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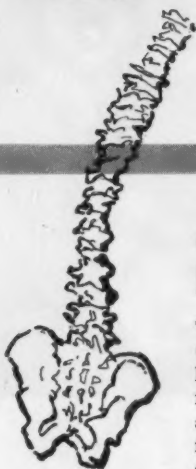


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THE HIDDEN INGREDIENT THAT MAKES ANY FEED BETTER



MANUFACTURERS AND HANDLERS OF SOY FOODS

BEVERAGES

Arlington, Calif.—LOMA LINDA FOOD CO.
Breakfast cup.

Champaign, Ill.—DIETARY FOOD STORE,
504 N. Prairie. Handler.

Chicago, Ill.—CHICAGO DIETETIC SUPPLY
HOUSE, 1750 W. Van Buren St.

Chicago 11, Ill.—WM. H. LEAHY CO., INC.,
577 E. Illinois St. Wholesale dist. Coffee sub-
stitutes.

Chicago, Ill.—JOHN SEXTON & CO. Other
plants at Long Island City, Boston, Philadelphia,
Pittsburgh, Detroit, Atlanta, Dallas and San
Francisco. "Chocolait."

Des Moines 9, Iowa—SOY PRODUCTS CO.,
7 7th St.

Syracuse, N. Y.—VEGETABLE PRODUCTS
CO., 407 Hickory St., P. O. Box 1204. "Bevasoy"
soybean coffee substitute, contains also roasted
fruit; "Richblend"—coffee extender.

Madison College, Tenn.—MADISON FOODS.

Hamilton, Ont., Canada—MIL-KO PRODUCTS
LTD., P. O. Box 366. Tonic food beverages
with soybean base.

BREAKFAST FOODS

Champaign, Ill.—DIETARY FOOD STORE,
504 N. Prairie. Handler, unrefined cereals.

Chicago, Ill.—CHICAGO DIETETIC SUPPLY
HOUSE, 1750 W. Van Buren St. Breakfast foods.
"Cellu Soy Flakes."

Melrose Park, Ill.—FEARN SOYA FOODS,
1206 N. 31st Ave. "Dr. Fearn's" wheat cereal and
soya.

Des Moines 9, Iowa—SOY PRODUCTS CO.,
7 7th St.

Battle Creek, Mich.—KELLOGG CO. "Corn
Soya."

Red Wing, Minn.—SPECIAL FOODS CO., div.
of Sturdiwheat Co. Office, Citizens Fund Bldg.
Plant, 2285 University Ave., St. Paul. V-10 protein
food.

CANNERS OF GREEN VEGETABLE SOYBEANS

Milton, Del.—DRAPER CANNING CO.

Mt. Vernon, Ohio—LOMA LINDA FOOD CO.,
eastern div., P. O. Box 388. Home office Ar-
lington, Calif.

Sidney, Ohio—ST. MARY'S PACKING CO.
Factories at Noblesville, Ind.; Delphos, Morral,
Mt. Sterling, St. Mary's and Van Wert, Ohio;
and North Freedom, Wis.

Birdsboro, Pa.—STERNER'S SPECIAL
FOODS, R. 2. Aoda variety mature green soy-
beans packed as table beans in water, with
and without salt.

CANNERS OF MATURE SOYBEANS

Mt. Vernon, Ohio—LOMA LINDA FOOD CO.,
eastern div., P. O. Box 388. Home office Ar-
lington, Calif. Pack dry soybeans in tomato
sauce.

COOKIES, CRACKERS, TOASTS AND WAFERS

New York, N. Y.—NATIONAL BISCUIT CO.,
449 W. 14th St. "Triangle Thins."

FROZEN DESSERTS

The following firms manufacture vegetable
oils used in frozen desserts:

Wilmington, Calif.—VEGETABLE OIL PRO-
DUCTS CO., INC., 401 Canal Ave., P. O. Box 248.

Buffalo, N. Y.—SPENCER KELLOGG & SONS,
INC., 98 Delaware Ave.

New York 17, N. Y.—BEST FOODS, INC., 1 E.
43rd St. Plants at Bayonne, N. J.; Chicago, Ill.;
Dallas, Tex.; San Francisco, Calif.

New York 10, N. Y.—E. F. DREW & CO.,
INC., 15 E. 26th St. Plant at 416 Division St.,
Boonton, N. J.

NEW YORK TERMINAL WAREHOUSE COMPANY



25 So. William St., N. Y. 4, N. Y.

OPERATING OFFICES IN
PRINCIPAL CITIES

Serving
your
field
warehousing
needs



30 YEARS of LECITHIN EXPERIENCE



Pioneers and Leaders in de-
veloping Lecithin Uses.



Leaders in Lecithin Sales.



We enjoy the confidence of
both Lecithin users and
manufacturers.



Backed by a staff of competent
technical men with practical
Lecithin experience who
KNOW Lecithin uses
and manufacture.



Consult us on your Lecithin problems.

ROSS & ROWE, INC.

50 Church Street, New York 7, N. Y.

Wrigley Bldg., Chicago 11, Ill.

FROZEN DESSERTS—(Continued)

Cleveland 14, Ohio—GLIDDEN CO., 1396 Union Commerce Bldg. Refineries at Berkeley, Calif.; Chicago, Ill.; Louisville, Ky.; Elmhurst, L. I., N. Y. "Kaloa."

Columbus 8, Ohio—CAPITAL CITY PRODUCTS CO., 525 W. 1st Ave.

Sherman, Tex.—ANDERSON, CLAYTON & CO. Foods Div., 1201 E. Pecan St. Also plant at Jacksonville, Ill. "Velvet-M."

HEALTH FOOD STORES, SUPPLY HOUSES

(Handle a wide variety of soy products.)

Champaign, Ill.—DIETARY FOOD STORE, 504 N. Prairie. Retail only.

Chicago, Ill.—CHICAGO DIETETIC SUPPLY HOUSE, 1750 W. Van Buren St. "Cellu" soya-maise, soy flakes, soybean wafers, soy oat cookies and soy nuts.

Chicago 11, Ill.—WM. H. LEAHY CO., INC., 577 E. Illinois St. Wholesaler.

Syracuse, N. Y.—VEGETABLE PRODUCTS CO., 407 Hickory St., P. O. Box 1204. Health food distributor.

Olmsted Falls, Ohio—NATURAL FOODS INC. Handler.

LECITHIN

Chicago 39, Ill.—GLIDDEN CO., chemurgy div., 1825 N. Laramie Ave.

Decatur, Ill.—A. E. STALEY MFG. CO. For chocolate, margarine, baking and other food uses. Bleached and unbleached. Fluid and regular grades. Granular or dry.

Melrose Park, Ill.—FEARN SOYA FOODS, 1206 N. 31st Ave. "Dr. Fearn's" high lecithin soya powder.

Fort Wayne, Ind.—CENTRAL SOYA CO., INC. Clinton, Iowa — PILLSBURY MILLS, INC., 200 Wilson Bldg.

Minneapolis, 2, Minn.—ARCHER-DANIELS-MIDLAND CO., 700 Investors Bldg.

Minneapolis, Minn.—GENERAL MILLS, INC., soya bean div., 400 2nd Ave. S. Sales Mgr., W. E. Flumerfelt.

New Brunswick, N. J.—W. A. CLEARY CORP. Also Chicago, Ill., and Belleville, Ont. Manufactures purified and crude soya lecithin.

New York 17, N. Y.—ENCO CHEMICAL CORP., 441 Lexington Ave.

New York 7, N. Y.—ROSS & ROWE, INC., 50 Church St. Also Wrigley Bldg., Chicago 11, Ill.

New York 6, N. Y.—SUPERIOR MATERIALS, INC., 120 Liberty St. Handler of soya lecithin.

Syracuse, N. Y.—VEGETABLE PRODUCTS CO., 407 Hickory St., P. O. Box 1204. Lecithin Jel and capsules.

Woodside 77, L. I., N. Y.—AMERICAN LECITHIN CO., INC., 57-01 32nd Ave. Soybean lecithins and derivatives; lecithinated flours. Dietary supplements based on lecithin.

Cincinnati 3, Ohio—VEJIN, INC., 944 W. 5th St. Refined lecithin and products therefrom, bread-softener, "Ol" Softy."

Belleville, Ont., Canada—LECITHIN PRODUCTS (CANADA) LTD., 48 Dundas St. W. Subsidiary of W. A. Cleary Corp., New Brunswick, N. J.

MACARONI, SPAGHETTI, NOODLES

Champaign, Ill.—DIETARY FOOD STORE, 504 N. Prairie. Handler.

SOYBEAN BLUE BOOK

MARGARINE

General Offices of Manufacturers

Birmingham, Ala. — SUNNYLAND REFINING CO., 3330 10th Ave. N.

Osceola, Ark. — OSCEOLA FOODS, INC., P. O. Box 389.

Wilmington, Calif. — VEGETABLE OIL PRODUCTS CO., INC., 401 Canal Ave.

Atlanta 2, Ga. — MAR-GOLD CORP., 1275 Pryor Rd. S.W., P. O. Box 4575.

Thomasville, Ga. — ROSE-KIST FOODS, INC., 330 Smith Ave.

Chicago 9, Ill. — ARMOUR & CO., Union Stock Yards.

Chicago, Ill. — BEATRICE FOODS CO., 120 S. LaSalle St.

Chicago 90, Ill. — KRAFT FOODS CO., 500 Peshtigo Ct.

Chicago 9, Ill. — SWIFT & CO., Union Stock Yards.

Chicago 1, Ill. — WILSON & CO., INC., Prudential Plaza.

Evanston, Ill. — ALL-FRESH FOODS, INC., 2156 Green Bay Rd.

New Orleans, La. — BLUE PLATE FOODS, INC., Box 13041, Broadmoor Sta.

Baltimore 29, Md. — J. H. FILBERT, INC., 3701 Southwestern Blvd.

Detroit 38, Mich. — SHEDD-BARTUSH FOODS, INC., 14401 Dexter Blvd.

Carthage, Mo. — CARTHAGE CREAMERY CO., 545 N. Main St.

Kansas City 11, Mo. — KENT PRODUCTS, INC., Wornall Rd. at 42nd Terrace, P. O. Box 5857.

St. Louis 7, Mo. — THE BLANTON CO., 3400 N. Wharf.

Omaha 7, Nebr. — CUDAHY PACKING CO., Union Stock Yards.

New York 17, N. Y. — BEST FOODS, INC., 1 E. 43rd St.

New York 10, N. Y. — E. F. DREW & CO., INC., 15 E. 26th St.

New York 22, N. Y. — LEVER BROS. CO., 390 Park Ave.

New York 22, N. Y. — STANDARD BRANDS, INC., 625 Madison Ave.

Cincinnati 14, Ohio — MERCHANTS CREAMERY CO. INC., 536 Livingston St.

Cincinnati 17, Ohio — THE MIAMI MARGARINE CO., 5226 Vine St.

Cleveland 14, Ohio — DURKEE FAMOUS FOODS, 900 Union Commerce Bldg.

Columbus 8, Ohio — CAPITAL CITY PRODUCTS CO., 525 W. 1st Ave.

Salem, Ore. — DUTCH MAID FOOD PRODUCTS CO., INC., 3371 Portland Road.

Dallas 5, Tex. — CONWAY OIL CO., 5646 Milton St., P. O. Box 8397.

Dallas 21, Tex. — ANDERSON, CLAYTON & CO., foods div., P. O. Box 35.

Fort Worth, Tex. — COLLIER INDUSTRIES, 416-500 E. 9th St.

MEAT SUBSTITUTES

Champaign, Ill. — DIETARY FOOD STORE, 504 N. Prairie. Handler.

Chicago 11, Ill. — WM. H. LEAHY CO., INC., 577 E. Illinois St. Wholesale dist.

Olmsted Falls, Ohio — NATURAL FOODS INC. Handler.

Birdsboro, Pa. — STERNER'S SPECIAL FOODS, R. 2. Manufacturer of meat substitutes.

PROTEINS

Galesburg, Ill. — GUNTHER PRODUCTS INC., 600 E. Main St. Vegetable proteins.

Cincinnati 32, Ohio — THE DRACKETT PRODUCTS CO., 5020 Spring Grove Ave. "Drackett Assay Protein C-1"—a protein free of elements that limit results of diet experimentation. A purified protein for animal nutrition investigations.

PUDDING POWDERS

Brookville, Ont., Canada — MacDOWELL BROS., P. O. Box 141. Also at Ogdensburg, N. Y. Dietary foods.

SALAD AND COOKING OILS, SHORTENING

Oakland 12, Calif. — COLDSTREAM PRODUCTS CO., div of Salem Commodities, Inc., 405 14th St., Rm. 501. Plant at Denison, Tex. "Royal Satin" shortening.

Wilmington, Calif. — VEGETABLE OIL PRODUCTS CO., INC., 401 Canal Ave. Shortening, salad and cooking oil, flaked oils.

Savannah, Ga. — SOUTHERN COTTON OIL CO. Shortening.

Chicago 9, Ill. — ARMOUR & CO., Union Stock Yards. Shortening and salad oils; hydrogenated fats and oils.

Chicago, Ill. — SOUTHERN COTTON OIL CO. Shortening.

Decatur, Ill. — A. E. STALEY MFG. CO. Salad and cooking oil. "Edsoy."

You sold 751,000,000 lbs.

Margarine is a major market for soybean growers and processors. Last year, margarine used a new record volume of refined soybean oil—751 million pounds. **Buy margarine—help remove unfair restrictions on YOUR product.**

National Association of Margarine Manufacturers

545 Munsey Building, Washington 4, D. C.

SALAD AND COOKING OILS, SHORTENING—(Continued)

Jacksonville, Ill. — ANDERSON, CLAYTON & CO., Foods Div., P. O. Box 368, R. 6.

Gretna, La.—SOUTHERN COTTON OIL CO. Shortening.

Opelousas, La.—OPELOUSAS OIL REFINERY, 909 Railroad Ave. Affiliate of Cotton Products Co., Inc. Also operates Opelousas Oil Mill. Vegetable oil shortening and soybean salad oil.

Baltimore 29, Md.—J. H. FILBERT, INC., 3701 Southwestern Blvd. Mayonnaise.

Baltimore 3, Md.—WM. SCHLUDERBERG-T. J. KURDLE CO., 3800-4000 E. Baltimore St., P. O. Box 476. Shortening, cooking and salad oil.

Detroit 38, Mich.—SHEDD-BARTUSH FOODS, INC., 14401 Dexter Blvd. Also plants at Louisville 8, Ky.; Elgin, Ill.; Dallas, Tex.; Greenville, S. C.; Cincinnati, Ohio; San Francisco, Calif.; Omaha, Nebr. Shedd's old style dressing, Shedd's salad products.

Minneapolis 2, Minn. — ARCHER-DANIELS-MIDLAND CO., 700 Investors Bldg. "Archer C & S" cooking and salad oil.

St. Louis 7, Mo.—THE BLANTON CO., 3400 N. Wharf. Shortening, salad and cooking oils. Hydrogenated fats and oils.

Bayonne, N. J.—COLONIAL PACKING CORP., 180-190 W. 5th St. Other plants Italian Cook Oil Corp. and Pem Sales Co., Inc. Mayonnaise, salad dressing and French dressing.

Bayonne, N. J.—SOUTHERN COTTON OIL CO. Shortening.

Jersey City, N. J.—ARMOUR & CO., 324 17th St. Shortening, cooking and salad oils.

Buffalo, N. Y.—SPENCER KELLOGG & SONS, INC., 98 Delaware Ave. "Spensoy" salad oil; "Kelco," "Kel Blend," "Kel Exo," "Kel Fry" "Kel-top" and "Hykel" shortenings.

New York 17, N. Y.—BEST FOODS, INC., 1 E. 43rd St. Plants at Bayonne, N. J.; Chicago, Ill.; Dallas, Tex.; and San Francisco, Calif. "VEO" shortening.

New York 10, N. Y.—E. F. DREW & CO., INC., 15 E. 26th St. Shortening and salad oil. Plant at Boonton, N. J.

New York 22, N. Y.—LEVER BROS. CO., 390 Park Ave. Plants at 101 River Rd., Edgewater, N. J.; 1200 Calumet Ave., Hammond, Ind.; 6300 E. Sheila St., Los Angeles 22, Calif. Vegetable shortening.

Cincinnati, Ohio—PROCTER & GAMBLE DISTRIBUTING CO., Gwynne Bldg. Shortening.

Cleveland 14, Ohio—GLIDDEN CO., Durkee Famous Foods div., 1396 Union Commerce Bldg. Plants at Berkeley 10, Calif.; Chicago 47, Ill.; Louisville 1, Ky.; Elmhurst, L. I., N. Y. Standard and hydrogenated shortenings, cooking and salad oils.

Columbus 8, Ohio—CAPITAL CITY PRODUCTS CO., 525 W. 1st Ave. Shortening.

Oklahoma City 1, Okla.—WILSON & CO., INC., P. O. Box 1905. Standard and hydrogenated shortening, cooking and salad oils.

Chattanooga, Tenn.—LOOKOUT OIL & REFINING CO., div of Armour & Co., 4608 Kirkland Ave. Shortenings, cooking and salad oils, hydrogenated fats and oils.

Chattanooga 1, Tenn.—WILSON & CO., INC., P. O. Box 1230. Standard and hydrogenated shortening, cooking and salad oils.

Memphis 8, Tenn.—THE CUDAHY PACKING CO., refinery, 2800 Chelsea Ave. Shortenings, salad oils, margarines.

Memphis, Tenn.—HUMKO CO., 1702 N. Thomas St. Hydrogenated vegetable shortening, salad oil.

Memphis, Tenn.—SOUTHERN COTTON OIL CO. Shortening.

Fort Worth, Tex.—ARMOUR & CO. Cooking and salad oils, shortening, hydrogenated fats and oils.

Sherman, Tex. — ANDERSON, CLAYTON & CO., Foods Div., 1201 E. Pecan.

Cudahy, Wis. — CUDAHY BROS. CO. Shortening.

Toronto, Ont., Canada—LEVER BROS. LTD., 299 Eastern Ave. Shortening.

W. Toronto 9, Ont., Canada—CANADA PACKERS LTD. Plants also located in Montreal, Winnipeg, Edmonton and Vancouver. Lard compound and salad oil.

SAUSAGE BINDERS

Chicago 12, Ill.—CUSTOM FOOD PRODUCTS, INC., 701-709 N. Western Ave. Sausage and loaf binders for sausage trade. Hamburger and loaf seasonings and binders for institutional trade.

Chicago 39, Ill. — GLIDDEN CO., chemurgy div., 1825 N. Laramie Ave. Meat binders.

Decatur, Ill.—SPENCER KELLOGG & SONS, INC. Binders for sausage making and for canned dog food—"Special X" low-fat soy flour, "Meatone" low-fat soy grits, "Kel-Sovsoy" de-fatted soy flour and grits.

Decatur, Ill.—A. E. STALEY MFG. CO. Meat packers' soy flour and coarse, medium and fine soy grits. Toasted and untoasted.

SEASONINGS

Chicago 12, Ill.—CUSTOM FOOD PRODUCTS, INC., 701 N. Western Ave. Manufacturer of seasonings.

Chicago, Ill.—JOHN SEXTON & CO. Other plants at Long Island City, Boston, Philadelphia, Pittsburgh, Detroit, Atlanta, Dallas, San Francisco. "Magic" seasoning.

Elmhurst, L. I., N. Y.—GLIDDEN CO., Durkee Famous Foods div., Corona Ave and 94th St. Seasonings and condiments.

Birdsboro, Pa. — STERNER'S SPECIAL FOODS, R. 2. Manufacturer of seasonings employing soybeans as an ingredient.

SOUPS

Chicago 12, Ill.—CUSTOM FOOD PRODUCTS, INC., 701 N. Western Ave. Manufactures complete line of soup bases.

Birdsboro, Pa. — STERNER'S SPECIAL FOODS, R. 2. Manufacturer of soya soup.

SOYBEAN OIL

Decatur, Ill.—A. E. STALEY MFG. CO. Edible oils.

Bayonne, N. J.—COLONIAL PACKING CORP., 180-190 W. 5th St. Other plants, Italian Cook Oil Corp. and Pem Sales Co., Inc. Edible oils.

New York 17, N. Y.—BEST FOODS, INC., 1 E. 43rd St. Plants at Bayonne, N. J.; Chicago, Ill.; Dallas, Tex.; San Francisco, Calif.

New York 10, N. Y.—E. F. DREW & CO., INC., 15 E. 26th St. Plant at Boonton, N. J.

Syracuse, N. Y.—VEGETABLE PRODUCTS CO., 407 Hickory St., P. O. Box 1204.

Cincinnati, Ohio—PROCTER & GAMBLE DISTRIBUTING CO., P. O. Box 599. Edible oils.

Cleveland 14, Ohio—GLIDDEN CO., Durkee Famous Foods div., 1396 Union Commerce Bldg. Edible oil refineries at Berkeley 10, Calif.; Louisville 1, Ky.; Chicago 47, Ill.; Elmhurst, L. I., N. Y.

Columbus 8, Ohio — CAPITAL CITY PRODUCTS CO., 525 W. 1st Ave. Edible Oil.

SOYBEANS FOR COOKING AND SPROUTING

Los Angeles 54, Calif.—ORIENTAL FOODS, INC., P. O. Box 2121.

Hudson, Iowa—STRAYER SEED FARMS.

SOY BUTTER

Detroit 38, Mich.—SHEDD-BARTUSH FOODS, INC., 14401 Dexter Blvd. Manufactures "Willow Run" soy spread.

SOY CHEESE

Mt. Vernon, Ohio—LOMA LINDA FOOD CO., eastern div., P. O. Box 388.

Madison College, Tenn.—MADISON FOODS. "Chez-O-Soy."

SOY FLOUR, FLAKES AND GRITS

Alhambra, Calif.—EL MOLINO MILLS, 3060 W. Valley Blvd. Grits, meal, flour, powder.

Arlington, Calif.—LOMA LINDA FOOD CO. Packer and distributor of soy flour.

Chicago 6, Ill.—ALFRED W. FRITZ, 549 W. Randolph St. Soybean brew flakes.

Chicago 39, Ill.—GLIDDEN CO., chemurgy div., 1825 N. Laramie Ave. Full-fat, low-fat and defatted soy flours, flakes and grits.

Chicago, Ill.—GRIFFITH LABORATORIES, 1415 W. 37th St. Flour. Grits.

Decatur, Ill.—SPENCER KELLOGG & SONS, INC. Full-fat, low-fat and defatted flour; low-fat and defatted grits.

Decatur, Ill.—A. E. STALEY MFG. CO. Extracted hi-fat and low-fat flour. Coarse, medium, fine grits. Flakes. Toasted and untoasted.

Melrose Park, Ill.—FEARN SOYA FOODS, 1206 N. 31st Ave. "Dr. Fearn's" unbleached wheat flour and soya; soy grits; low-fat soya powder.

Des Moines 9, Iowa—SOY PRODUCTS CO., 7 7th St. Soy flour.

Battle Creek, Mich.—BATTLE CREEK FOOD CO. Soya flakes with gluten, soy flour, 2-lb. and 5-lb. bags.

Minneapolis 2, Minn.—ARCHER-DANIELS-MIDLAND CO., 700 Investors Bldg. Soy flour, soy grits, "ADM" soybean brew flakes.

Syracuse, N. Y.—VEGETABLE PRODUCTS CO., 407 Hickory St., P. O. Box 1204. "V-Vi-Ta" soy flour, hi-fat.

Birdsboro, Pa.—STERNER'S SPECIAL FOODS, R. 2. Handler of soy flour.

Milwaukee 2, Wis.—REICHEL-KORFMANN CO., 221 E. Clybourn St. Soybean brew flakes.

Brockville, Ont., Canada — MacDOWELL BROS., P. O. Box 141. Also at Ogdensburg, N. Y. Soybean flour specially processed for diabetics.

Toronto, Ont., Canada — VICTORY SOYA MILLS LTD., 285 Fleet St. E. "Indosoy," industrial soy flour; "Soywhite," fat-free flour.

SOY FLOUR MIXES

Melrose Park, Ill.—FEARN SOYA FOODS, 1206 N. 31st Ave. "Dr. Fearn's Soy-O" wholewheat pancake flour; also unbleached white flour and soy pancake flour; corn meal and muffin mix with soya.

Warsaw, Ind.—GOLDEN MIX, INC. "Golden Mix" for griddle cakes and waffles; "Better Batter" for breading and frying.

SOYBEAN BLUE BOOK

Red Wing, Minn.—SPECIAL FOODS CO. Office, Citizens Fund Bldg. Plant, 2285 University Ave., St. Paul. V-10 protein bread mix.

SOY MILK

Champaign, Ill.—DIETARY FOOD STORE, 504 N. Prairie. Handler.

Chicago, Ill.—CHICAGO DIETETIC SUPPLY HOUSE, 1750 W. Van Buren St. Canned soy milk.

Melrose Park, Ill.—FEARN SOYA FOODS, 1206 N. 31st Ave. "Dr. Fearn's" pure soy powder for making soy milk.

Battle Creek, Mich.—BATTLE CREEK FOOD CO. "Soy Acidophilus."

Syracuse, N. Y.—VEGETABLE PRODUCTS CO., 407 Hickory St., P. O. Box 1204.

Mt. Vernon, Ohio—LOMA LINDA FOOD CO., eastern div., P. O. Box 388. Powdered and liquid soy milk.

Olmsted Falls, Ohio — NATURAL FOODS INC. Dried and liquid.

Birdsboro, Pa. — STERNER'S SPECIAL FOODS, R. 2. Handler.

SOY SAUCE

Arlington, Calif.—LOMA LINDA FOOD CO. Los Angeles 54, Calif.—ORIENTAL FOODS, INC., P. O. Box 2121.

Chicago 12, Ill.—CUSTOM FOOD PRODUCTS, INC., 701 N. Western Ave. Manufacturer.

Chicago, Ill.—GREAT CHINA FOOD PRODUCTS CO., 2520-58 S. State St.

Chicago, Ill.—JOHN SEXTON & CO. Other plants at Long Island City, Boston, Philadelphia, Pittsburgh, Detroit, Atlanta, Dallas, San Francisco. Chop suey, sirloin club, mushroom and smoke house sauces.

Decatur, Ill.—A. E. STALEY MFG. CO. Soybean hydrolyzate for flavoring.

Columbia City, Ind.—ORIENTAL SHOWYOU CO., INC.

Archbold, Ohio—LACHOY FOOD PRODUCTS, div. Beatrice Foods Co.

SPROUTS

Columbia City, Ind.—ORIENTAL SHOWYOU CO., INC. Mung bean sprouts.

TOPPINGS

Buffalo, N. Y.—RICH PRODUCTS CORP. "Whip Topping."

VITAMINS

New York 10, N. Y.—E. F. DREW & CO., INC., 15 E. 26th St. Plant at Boonton, N. J.

WHIPPING AGENTS

Chicago 39, Ill. — GLIDDEN CO., chemurgy div., 1825 N. Laramie Ave.

Chicago, Ill. — JOHN SEXTON & CO. Other plants at Long Island City, Boston, Philadelphia, Pittsburgh, Detroit, Atlanta, Dallas, San Francisco. "Whip" powder.

Galesburg, Ill.—GUNTHER PRODUCTS INC., 600 E. Main St. Manufactures vegetable proteins and derivatives.

Minneapolis 2, Minn. — ARCHER-DANIELS-MIDLAND CO., 700 Investors Bldg.

New Brunswick, N. J.—W. A. CLEARY CORP. Also Chicago, Ill.; Belleville, Ont.

MANUFACTURERS OF INDUSTRIAL PRODUCTS EMPLOYING SOYBEANS

CAULKING COMPOUNDS, FLOOR TILE

New York 16, N. Y.—JOHNS-MANVILLE, 22 E. 40th St. Caulking compounds. Floor tile.

COATED PAPERS, LEATHER DRESSING

Chicago 39, Ill.—GLIDDEN CO., chemurgy div., 1825 N. Laramie Ave. "Alpha" protein for paper coating, regular and high solids, used both off and on the paper machine; size press and calendar sizing; floor covering backing paints; leather finishes; latex dispersions; printing inks; textile sizing.

Decatur, Ill.—SPENCER KELLOGG & SONS, INC. "Kelkote" pulverized commercial soy protein for protective coatings, linoleum, water emulsion paint finishes. Leather dressing.

Louisville, Ky. — BUCKEYE CELLULOSE CORP. Isolated protein for use in beater sizing, leather dressing.

Cincinnati, Ohio — THE DRACKETT PRODUCTS CO., 5020 Spring Grove Ave. Isolated protein for use in paper coatings and board coatings.

FIRE-FIGHTING FOAM

Chicago 39, Ill.—GLIDDEN CO., chemurgy div., 1825 N. Laramie Ave. Soybean proteins for use in the manufacture of fire-fighting liquors.

GLUES, PLYWOOD ADHESIVES

Chicago 39, Ill.—GLIDDEN CO., chemurgy div., 1825 N. Laramie Ave. Soybean flour used in the manufacture of plywood adhesives.

Chicago 16, Ill.—PAISLEY PRODUCTS, INC., 1770 Canalport Ave. Glues, adhesives.

Decatur, Ill.—SPENCER KELLOGG & SONS, INC. "Kelkote" pulverized commercial soy protein and "Soytex" adhesive soy flour. Defatted soy flakes.

Decatur, Ill.—A. E. STALEY MFG. CO. Soy products for use in manufacture of plywood adhesives.

Springfield, Mass. — MONSANTO CHEMICAL CO., plastics div. "Lauxein" soybean glue. "Lauzix," a pulverized soy protein.

Seattle 4, Wash. — AMERICAN MARIETTA CO., 3400 13th Ave. S.W. Adhesive for plywood, woodworking and allied industries.

INSECTICIDES

Chicago 39, Ill.—GLIDDEN CO., chemurgy div., 1825 N. Laramie Ave. "Spraysoy" spreader and sticker for various sprays, and emulsifier for oil emulsion sprays.

Decatur, Ill.—SPENCER KELLOGG & SONS, INC. "Special X" low-fat soy flour, defatted soy flour.

LAMINATING

Chicago 39, Ill.—GLIDDEN CO., chemurgy div., 1825 N. Laramie Ave. Soybean proteins for paper and paper-board laminating.

LECITHIN

Decatur, Ill.—A. E. STALEY MFG. CO. Soya lecithin, bleached and unbleached. Fluid and regular grades. Water dispersible and granular or dry grades available.

New York 6, N. Y.—SUPERIOR MATERIALS INC., 120 Liberty St. Soya lecithin for paints and inks.

OILCLOTH AND COATED FABRICS

Columbus 16, Ohio — COLUMBUS COATED FABRICS CORP., 7th and Grant Aves. Oilcloth, plastic sheeting, wall coverings, upholstery materials and shade cloth.

PAINTS AND VARNISHES

Wilmington, Del.—E. I. du PONT de NEMOURS & CO., INC. Soybean oil in paints, alkyd resin varnishes.

Chicago 39, Ill.—GLIDDEN CO., chemurgy div., 1825 N. Laramie Ave. "Alpha" protein as an emulsifying and stabilizing agent for latex, resin and oil-in-water emulsion paints.

Chicago 11, Ill.—ILLINOIS FARM SUPPLY CO., 100 E. Ohio St. "Soyoil" paints and varnishes.

Decatur, Ill.—SPENCER KELLOGG & SONS, INC. "Kelkote" pulverized commercial soy protein for protective coatings.

Louisville, Ky. — BUCKEYE CELLULOSE CORP. Isolated protein for water paints.

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Decatur, Ill.—SPENCER KELLOGG & SONS, INC. Paper sizings, wallpaper and wallboard coatings.

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New York 6, N. Y.—SUPERIOR MATERIALS, INC., 120 Liberty St.

Cincinnati 2, Ohio—THE PROCTER & GAMBLE CO., P. O. Box 599.

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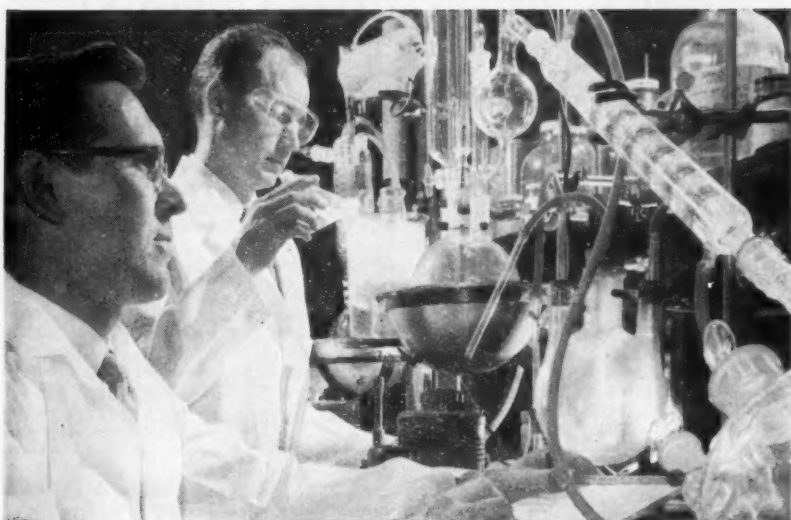
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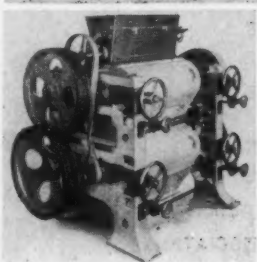
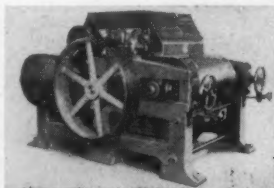
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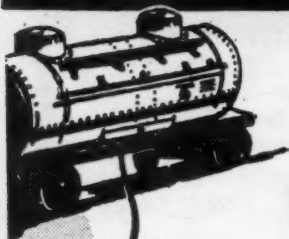
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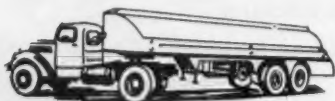
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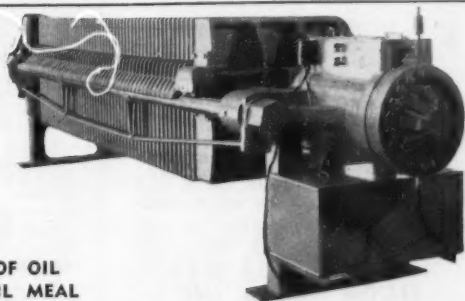
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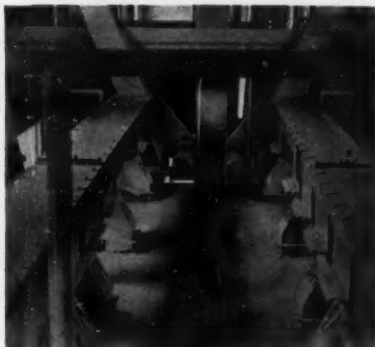
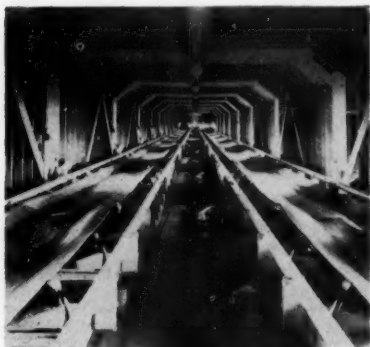
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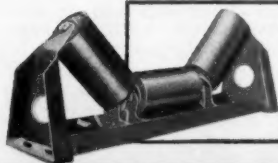
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MANUFACTURERS

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EQUIPMENT AND SUPPLIES FOR THE SOYBEAN INDUSTRY

BAGGING EQUIPMENT

Chicago 50, Ill.—B. F. GUMP CO., 1309 S. Cicero Ave. Bag packers.

Chicago 6, Ill.—SEEDBURO EQUIPMENT CO., 794 Converse Bldg. Bag cleaners, closers, stackers, trucks.

Chicago 10, Ill.—UNION SPECIAL MACHINE CO., 400 N. Franklin St. Bag Closers.

Downers Grove, Ill.—WESTERVELT CO., P. O. Box 251. Bag holders.

Evanston, Ill.—BURROWS EQUIPMENT CO., 1316-7 Sherman Ave. Bag tags, cleaners, closers, trucks.

Huntington, Ind.—HUNTINGTON LABORATORIES, INC. Bag cleaners.

Cedar Rapids, Iowa—J. C. KINTZ CO., 1737 B Ave. N.E.

Grand Rapids 2, Mich.—RAPIDS-STANDARD CO., INC., Rapistan Bldg. Plants at 144 Trowbridge N.W.; and Plymouth Rd. N.E. "Wheel-Ezy" hand trucks; steel-forged and cold-forged casters.

Faribault, Minn.—NUTTING TRUCK & CASTER CO., 1201 W. Division St. Platform, bag, box, hopper and dolly trucks; jack and skid systems; wheels; casters.

Minneapolis 13, Minn.—DAY CO., 810 3rd Ave. N.E. Pneumatic bag cleaners.

Minneapolis 6, Minn.—DAVE FISCHBEIN CO., 2720 30th Ave. S. Bag closers.

Minneapolis, Minn.—MINNEAPOLIS SEWING MACHINE CO.

Clifton, N. J.—RICHARDSON SCALE CO., 668 Van Houten Ave. Bag packers.

New York, N. Y.—WILLCOX & GIBBS SEWING MACHINE CO., 214 W. 39th St. Plant at Nyack, N. Y. Filled bag closing machines.

Silver Creek, N. Y.—S. HOWES CO., INC. Feed and flour packers.

Tuckahoe, N. Y.—STOFFEL SEALS CORP., 145 Main St. Manufacturer of metal seals and seal tags.

Springfield, Ohio—DUPLEX MILL & MFG. CO. Bag cleaners.

Westerville, Ohio—J. W. HANCE MFG. CO. "Grip-Master" bag holders.

Muncy, Pa.—SPROUT, WALDRON & CO., INC. Sack cleaners.

Philadelphia 29, Pa.—AMERICAN PULLEY CO., 4200 Wissahickon Ave. Trucks—hand, portable elevating, platform, skid and pellet, industrial wheels and barrel cradles.

Rutland, Vt.—HOWE SCALE CO., INC. Hand trucks.

BAG MANUFACTURERS

Atlanta, Ga.—FULTON BAG & COTTON MILLS. Offices in St. Louis, Dallas, Minneapolis, Denver, New Orleans, Kansas City, Kans., New York, Los Angeles, Savannah. Cotton bags, burlap bags, paper bags, water-proof paper-lined textile bags, used bags, polyethylene bags; "Eagle Sail" cotton twine, "Eagle" machine thread.

Savannah, Ga.—CHEMICAL PACKAGING CORP., P. O. Box 178. Also at Louisville, Ky. Manufactures multiwall paper bags.

Chicago 9, Ill.—CENTRAL BAG & BURLAP CO., 4515 S. Western Blvd. Manufacturer of new and "NuSeme" cotton and burlap bags. Specialists in serving the soybean industry.

Chicago 6, Ill.—CHASE BAG CO., 309 W. Jackson Blvd. Multiwall paper, burlap and cotton bags.

Indianapolis, Ind.—MAX KATZ BAG CO., 316 S. New Jersey St. Burlap, cotton, paper bags, new, plain, or printed for soybeans and soybean oil meal. Used burlap or cotton bags.

Des Moines, Iowa—MIDWEST BURLAP & BAG CO., 1401 Thomas Beck Road. Also offices in Westville, Ill.; Minneapolis, Minn.; Kansas City, Mo. Manufacturer of new burlap and cotton bags; processor and converter of used burlap and cotton bags.

Baltimore 24, Md.—PREMIUM BAG CO., 2353 Boston St. Burlap and cotton bags.

Minneapolis 14, Minn.—SAM MILLER BAG CO., 861-871 E. Hennepin. Manufactures new burlap and cotton bags; reconditions used burlap and cotton bags for soybean oil meal.

Kansas City 1, Mo.—CENTRAL BAG CO., 1323-31 W. 13th St. New and secondhand bags.

Kansas City, Mo.—PERCY KENT BAG CO. Offices in Buffalo, New York, Minneapolis, Oklahoma City and Chicago. Cotton, burlap and multiwall paper bags.

St. Louis 2, Mo.—BEMIS BRO. BAG CO., 408 Pine St., Box 68. Offices in principal cities. Cotton, burlap, waterproof paper-lined textile and multiwall paper shipping sacks; polyethylene bags.

St. Louis 6, Mo.—REPUBLIC BAG CO., 1540 Blair Ave. Burlap and cotton bag processor.

St. Louis 6, Mo.—ST. LOUIS BAG CO., 1206-1214 N. 1st St. New burlap and cotton bags. Processor and handler of used bags.

St. Louis 3, Mo.—UNITED BAGS, INC., 1510 Clark Ave., P. O. Box 297. New and used cotton, burlap and paper bags for soybeans, soybean oil meal and other products.

Omaha 2, Nebr.—NEBRASKA BAG CO., 715-17 S. 9th St. New and used burlap, cotton and paper bags. All types of bag supplies.

Canajoharie, N. Y.—ARKELL & SMITHS. Other plants at Mobile, Ala.; Wellsburg, W. Va.; Hudson Falls, N. Y. Offices in New York, Kansas City, Columbus, Mobile and Chicago. Supplier of multiwall paper shipping sacks for soybeans and soybean oil meal.

New York 22, N. Y.—HUDSON PULP & PAPER CORP., 477 Madison Ave. Plants at Palatka, Fla.; Wellsburg, W. Va.; Pine Bluff, Ark. All types of multiwall paper bags for soybean oil, meal and dry derivatives.

New York 17, N. Y.—INTERNATIONAL PAPER CO., bagpak div., 220 E. 42nd St. Plants at Camden, Ark., Mobile, Ala., and Bastrop, La. Multiwall paper bags.

BAG MANUFACTURERS—

(Continued)

New York 20, N. Y.—KRAFT BAG CORP., 630 5th Ave. Also at Daily News Bldg., Chicago 6; St. Marys, Ga.; Gilman, Vt. Subsidiary of Gilman Paper Co. Heavy-duty multiwall shipping sacks of various types and sizes.

New York 17, N. Y.—ST. REGIS PAPER CO., 150 E. 42nd St. Offices in principal cities.

New York 7, N. Y.—UNION BAG-CAMP PAPER CORP., 233 Broadway. Manufactures multiwall paper bags for packaging soybean oil meal and other feeds.

Jaite, Ohio—NATIONAL CONTAINER CORP. OF OHIO. Multiwall bags.

Philadelphia, Pa.—BELMONT BURLAP BAG CO., 2719 N. Edgemont St. Also at 9214 Otsego Ave., Detroit, Mich. Burlap and cotton bags for packing soybeans.

Memphis 12, Tenn.—CROWN BAG CO., 2686 Harvard St. Cotton and burlap bags.

Memphis 2, Tenn.—LANGSTON BAG CO., 1076 Texas St. Manufacturer of new and processed cotton and burlap bags.

Nashville 1, Tenn.—WERTHAN BAG CORP., 1400 8th Ave. N. Also plant at 303 Thalia St., New Orleans, La. New and used burlap and cotton textile bags and multiwall paper bags for sacking soybeans and soybean oil meal. Cotton sail twine for hand closing. Knotless cotton sewing thread for machine closing.

Houston 1, Tex.—LONE STAR BAG & BAG-ING CO., P. O. Box 276. New and secondhand burlap and cotton bags. Multiwall paper and mesh bags.

Milwaukee 2, Wis.—FREDMAN BAG CO., 330 E. Clybourn St. Cotton and burlap bags.

BELTING

Denver 17, Colo.—GATES RUBBER CO., 999 S. Broadway. V-belts.

Chicago 44, Ill.—FLEXIBLE STEEL LACING CO., 4607 Lexington St. Belt fasteners and lacings for belting.

Chicago 23, Ill.—IMPERIAL BELTING CO., 1750 S. Kilbourn Ave. Manufacturer of innerlocked impregnated canvas elevator and transmission belting. Impregnated with highly specialized compounds and job-designed to meet soybean elevating problems.

Chicago 1, Ill.—LINK-BELT CO. Also at Indianapolis, Philadelphia and Colmar, Pa., Atlanta, Houston, Minneapolis, San Francisco, Los Angeles, Seattle, Toronto. Conveyor belting.

Chicago 6, Ill.—SEEDBURO EQUIPMENT CO., 794 Converse Bldg.

Evanston, Ill.—BURROWS EQUIPMENT CO., 1316-7 Sherman Ave.

Peoria, Ill.—PAUL J. HAGERTY EQUIPMENT CO., 800 S. Adams St. Transmission, elevating and conveyor belting, V-belts and sheaves.

Mishawaka, Ind.—DODGE MFG. CORP. V-belts, drives and sheaves.

Cedar Rapids, Iowa—DIVINE ENGINEERING INC., 315 7th Ave. S.E.

Cedar Rapids, Iowa—J. C. KINTZ CO., 1737 B Ave. N.E.

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BELTING—(Continued)

Worcester, Mass.—GRATON & KNIGHT CO., INC., 346 Franklin St. Also Chicago, Dallas, St. Louis, New York, Philadelphia, San Francisco. Transmission leather belting, belting cements, belt dressings, belt lacing.

Minneapolis, Minn.—R. R. HOWELL CO., 31st Ave. and S.E. 4th St. Bucket belts.

Minneapolis 13, Minn.—STRONG-SCOTT MFG. CO., 451 Taft St. N. E. Belting. Speed reducers.

Kansas City, Mo.—GENERAL MILL EQUIPMENT CO., 2021 Pennsylvania Ave. Belting, V-belt and chain-belt drives.

St. Louis, Mo.—DESIGN MFG. & EQUIPMENT CO., 1025 N. 6th St.

Omaha, Nebr.—PURITAN MFG CO., 1931 N. 11th St. Leather, rubber and cotton belting.

Trenton, N. J.—HAMILTON RUBBER MFG. CORP., P. O. Box 361. Rubber conveyor and transmission belting.

Buffalo 7, N. Y.—BUFFALO WEAVING & BELTING CO., 260 Chandler St. Conveyor belting.

Buffalo 6, N. Y.—GLOBE WOVEN BELTING CO., INC., 1400 Clinton St. Conveyor, elevator and power transmission belting; solid woven white cotton and stitched canvas treated for special use in the soybean industry. Also white and black neoprene rubber-covered and brown neoprene friction surface belting.

New York 7, N. Y.—CARLYLE RUBBER CO., INC., 107 Warren St. Conveyor, elevator and power transmission belting.

New York 7, N. Y.—VICTOR BALATA & TEXTILE BELTING CO., 53 Park Place. Also 300 W. Hubbard St., Chicago 10. Plant at Easton, Pa. Solid-woven, canvas-stitched, neoprene-treated, hycar, and balata types of conveyor, elevator and transmission belting.

Youngstown 1, Ohio—REPUBLIC RUBBER DIV., Lee Tire & Rubber Co., Albert St. "Reprene" transmission, conveyor and elevator belting.

Memphis, Tenn.—DABNEY-HOOVER SUPPLY CO., 45 W. Virginia. Elevator, conveyor and power transmission belting.

Memphis, Tenn.—LEWIS SUPPLY CO., 477 S. Main St.

CHAINS

Fresno, Calif.—VALLEY FOUNDRY & MACHINE WORKS, INC., 2718 East Ave.

Chicago 1, Ill.—LINK-BELT CO. Also at Indianapolis, Philadelphia and Colmar, Pa., Atlanta, Houston, Minneapolis, San Francisco, Los Angeles, Seattle, Toronto. Chains of all types for conveyors, elevators and drives.

Peoria, Ill.—PAUL J. HAGERTY EQUIPMENT CO., 800 S. Adams St. Roller chain and sprockets.

Cedar Rapids, Iowa—DIVINE ENGINEERING, INC., 315 7th Ave. S.E.

Omaha 2, Nebr.—PURITAN MFG. CO., 1931 N. 11th St. Roller chain with sprockets.

Columbus 16, Ohio—JEFFREY MFG. CO., 799 N. 4th St. All types and sizes of chains.

Memphis, Tenn.—DABNEY-HOOVER SUPPLY CO., 45 W. Virginia.

Memphis, Tenn.—LEWIS SUPPLY CO., 477 S. Main St.

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The companies whose advertisements appear in this issue of THE SOYBEAN BLUE BOOK can be of much help to you. They represent dependable sources of supply of the many things you need in soybean operations . . . new materials, new methods, new products, new services. Their advertisements are worth your careful study.

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123

CONVEYORS, ELEVATORS

Birmingham, Ala.—CONTINENTAL GIN CO., industrial div. Offices at Atlanta, Dallas, Memphis, Knoxville, Mobile, Cleveland and New York City. Belt, screw, chain-flight conveyors; bucket and screw elevators.

Paragould, Ark.—WONDER STATE MFG CO. Subsidiary of Bertig Co. Supplier of elevating and conveying equipment.

Fresno, Calif.—VALLEY FOUNDRY & MACHINE WORKS, INC., 2718 East Ave.

Marysville, Calif.—GORDON MACHINERY CORP. Manufacturer of "Gordon Airlift" low pressure-high capacity pneumatic conveyor-elevator.

San Francisco 7, Calif.—SHANZER MFG. CO., 85 Bluxome St. Screw conveyors. "Max-I-Pacity" hi-speed bucket elevators.

Denver 16, Colo.—WAGNER MACHINE & MILL SUPPLY CO., 444 York St. Manufacturer.

Macon, Ga.—EDWARDS PRODUCTS CO., Cochran Short Route. Portable conveying equipment for handling soybeans.

Aurora, Ill.—FINCO, INC., 401-209 Hanks Ave.

Aurora, Ill.—STEPHENS-ADAMSON MFG CO. Also offices in Los Angeles, St. Louis, New York and Chicago. Plants at Aurora, Los Angeles and Belleville, Ont. Conveyors and elevators.

Chicago 50, Ill.—B. F. GUMP CO., 1309 S. Cicero Ave.

Chicago 1, Ill.—LINK-BELT CO. Also at Indianapolis, Philadelphia and Colmar, Pa., Atlanta, Houston, Minneapolis, San Francisco, Los Angeles, Seattle, Toronto. Conveyors and elevators of all types.

Chicago 35, Ill.—MATERIALS HANDLING EQUIPMENT CO., 2619 N. Normandy Ave. Marine elevator legs, screw conveyors, bucket elevators, en masse type "Uni-Flo" elevator conveyors, special feeders and special processing machinery.

Chicago 50, Ill.—PRATER PULVERIZER CO., 1517-49 S. Court. Conveyors and elevators.

Chicago 6, Ill.—SEEDBURO EQUIPMENT CO., 294 Converse Bldg.

Chicago 4, Ill.—B. I. WELLER CO., 327 S. La Salle. Screw conveyor and trough.

Decatur, Ill.—HUSS & SCHLIEPER, 714 N. Church St., P. O. Box 862. Chain and belt bucket elevators—vertical-type; belt and screw conveyors.

Evanston, Ill.—BURROWS EQUIPMENT CO., 1316-7 Sherman Ave.

Jerseyville, Ill.—BAUGHMAN MFG. CO., INC., 1 Shipman Rd. Portable and stationary belt and screw conveyors. Belt and bucket elevators. Self-unloading and elevating material bodies.

Peoria, Ill.—PAUL J. HAGERTY EQUIPMENT CO., 800 S. Adams St. Screw conveyor and accessories.

Skokie, Ill.—BRADY CONVEYORS CORP., 4244 Dempster St. Pneumatic car unloaders; pneumatic bulk conveyors—bucket, belt, screw.

Streator, Ill.—MYERS SHERMAN CO., 1643 S. Illinois St. Pneumatic portable and stationary conveying equipment, pneumatic elevators.

Coinersville, Ind.—ROOTS-CONNERSVILLE BLOWER, div. of Dresser Industries, Inc., 900 W. Mount St. Rotary positive blowers for pneumatic conveying of soybeans.

Hammond, Ind.—SCREW CONVEYOR CORP., 757 Hoffman St. Hammond "Screw-Lifts" (vertical screw elevator); Hammond "Screw-Veyor" (horizontal or inclined screw conveyor); helicoid and sectional flight conveyor screws; screw-conveyor troughing and accessories; "Tite-Seal" screw conveyor box "U" edging and cover clamps; a complete line of standardized units including proper buckets.

Badger, Iowa—CHANTLAND MFG. CO., Box 79. Belt conveyors for bagged products. Bulk conveyors for mash products; elevator legs.

Cedar Falls, Iowa—UNIVERSAL HOIST CO., 1326 Waterloo Road. Manufactures bucket elevators, belt conveyors.

Cedar Rapids, Iowa—DIVINE ENGINEERING, INC., 315 7th Ave. S.E. Conveying and elevating equipment and supplies; "Divinalators" — en masse type of unit widely used in the soybean industry.

Cedar Rapids, Iowa—HAMMERMILLS, INC., 625 C Ave. N.W. Subsidiary of Pettibone Muliken Corp. Conveyors, feeders.

Cedar Rapids, Iowa—J. C. KINTZ CO., 1737 B Ave. N.E.

Des Moines 9, Iowa—CORN STATES HYBRID SERVICE, 1101 Walnut St.

Hull, Iowa — KOBIKER MFG. CO. Long reach unloading in close quarters with "Koyker" elevator and grain remover, gathering auger.

Manning, Iowa—DULTMEIER MFG. CO., P. O. Box 427. 4-inch auger elevators, 10-foot and longer for elevating and cross conveying.

Marion, Iowa—RAPIDS MACHINERY CO., 889 11th St. "Marion" all-steel elevators.

Dodge City, Kans.—MAYRATH, INC., E. Trail St. Also at Compton and Monmouth, Ill. Grain augers, junior hand augers, elevators, field loaders.

Enterprise, Kans.—J. B. EHRSAM & SONS MFG. CO. Elevator boots, head drives, pulleys, buckets, spouting, bins, gates, hoppers and valves, conveyor idlers, trippers, rail car pullers and power shovels.

Leavenworth, Kans.—GREAT WESTERN MFG. CO. Elevators — sheet steel. Conveyors — steel spiral.

Wichita 4, Kans.—ARK VALLEY MILL & ELEVATOR SERVICE, INC., 1927 N. Mosley. "Vickers Telescope" car-truck loading portable conveyor; elevator legs; conveying equipment.

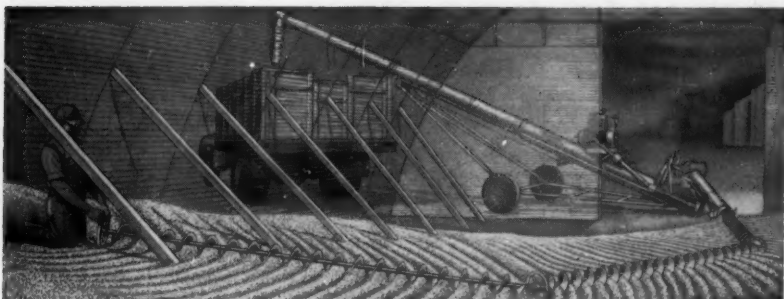
New Orleans, La.—NATIONAL BLOW PIPE & MFG. CO., INC., Claiborne, Poland, Derbyshire and Kentucky Sts. Pneumatic conveying equipment.

Boston 22, Mass.—J. C. CORRIGAN CO., INC., 41-47 Norwood St. Bucket elevators; conveyors in regular or stainless steel; systems for mechanical handling and storage of dry bulk materials; portable conveyors; stackers; glazed tile silos.

Detroit 15, Mich.—BIN-DICATOR CO., 13946 Kercheval Ave. "Bin-Flo"—aerator unit for inducing gravity flow of fine dry materials.

Grand Rapids 2, Mich.—RAPIDS-STANDARD CO., INC., Rapistan Bldg. Plants at 144 Trowbridge N.W.; and Plymouth Road N.E. "Rapistan" power and gravity conveyors, boxcar loaders.

Kalamazoo, Mich.—HAPMAN CONVEYORS, INC., 630 Gibson St. Subsidiary of Hapman-Dutton Co. Manufactures "Hapman" tubular, pneumatic, wire mesh belt, multi-plane trolley, pivoted bucket, hi-lift cable-veyor, pan-link and screw conveyors.



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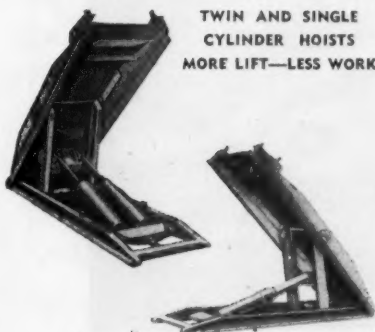


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Minneapolis, Minn.—GERBER SHEET METAL INC., 518 S. 3rd St. Soybean distributors; steel elevator legs.

Minneapolis, Minn. — R. R. HOWELL CO., 31st Ave. and S.E. 4th St. Screw and belt conveyors. Distributor—grain, new drag flight type.

Minneapolis 1, Minn.—LINDSAY BROS. CO., 400 N. 1st St. Also at Des Moines, Omaha, Sioux Falls and Fargo. Wholesale distributor. Augers, elevators, blowers.

Minneapolis 13, Minn.—STRONG-SCOTT MFG. CO., 451 Taft St. N. E. Elevators, conveyors, power shovels.

North St. Paul 9, Minn.—STANDARD CONVEYOR CO., 315 N.W. 2nd St. Also plant at 840 Harrison St., San Francisco. Portable belt conveyors—"Handibelt" and "Handipiler" machines.

Thief River Falls, Minn.—FRED FORSBERG & SONS, INC.

Kansas City, Mo.—GENERAL MILL EQUIPMENT CO., 2021 Pennsylvania Ave. Conveyors.

Kansas City, Mo.—MIDWEST STEEL PRODUCTS CO., Railway Exch. Bldg. Elevating equipment.

Kansas City, Mo. — HARRY E. SURFACE CO., 427 Board of Trade. Complete equipment, engineers and machinery erectors.

St. Louis, Mo.—DESIGN MFG. & EQUIPMENT CO., 1025 N. 6th St. Screw conveyors, belt conveyors, bucket elevators and fittings.

St. Louis 4, Mo.—ESSMUELLER CO.

St. Louis 3, Mo.—WESTERN RUBBER PRODUCTS CO., 320 S. Grand Ave. Chutes, hoppers, elbows, troughs, screw conveyors and tanks fabricated from rubber faced steel plate.

Omaha 2, Nebr.—PURITAN MFG. CO., 1931 N. 11th St. Spiral steel conveyors complete with boxes, and steel elevator legs complete with belting and cups.

Fort Lee, N. J. — BUHLER BROS., INC., State Highway No. 4. Complete conveying systems.

Hoboken, N. J. — CONSOLIDATED PRODUCTS CO., INC., 52-54 Bloomfield St. Used bucket elevators, screw conveyors, belt and troughing conveyors.

Summit, N. J.—PULVERIZING MACHINERY DIV., Metals Disintegrating Co., Inc., River and Chatham Roads. Manufactures "Mikro-Airacron" for pneumatic handling of products.

New York 51, N. Y.—HOLLY PNEUMATIC SYSTEMS, INC., 215 E. 149th St. Manufactures pneumatic conveyors for handling bulk materials.

Utica 1, N. Y.—MUNSON MILL MACHINERY CO., INC., 210 Seward Ave. Subsidiary of Divine Bros. Co. Elevators.

Raleigh, N. C.—AEROGLIDE CORP., 510 Glenwood Ave., P. O. Box 1839. Bucket elevators, belt and screw conveyors.

Archbold, Ohio—KING-WYSE, INC. Manufacturer of farm elevators, rubber belt conveyors.

Avon, Ohio—BOSWORTH MFG CO., Mills Rd. Belt-type portable and stationary loading and conveying equipment.

Cleveland 5, Ohio—DRACCO CORP., 4063 East 116th St. Pneumatic handling equipment.

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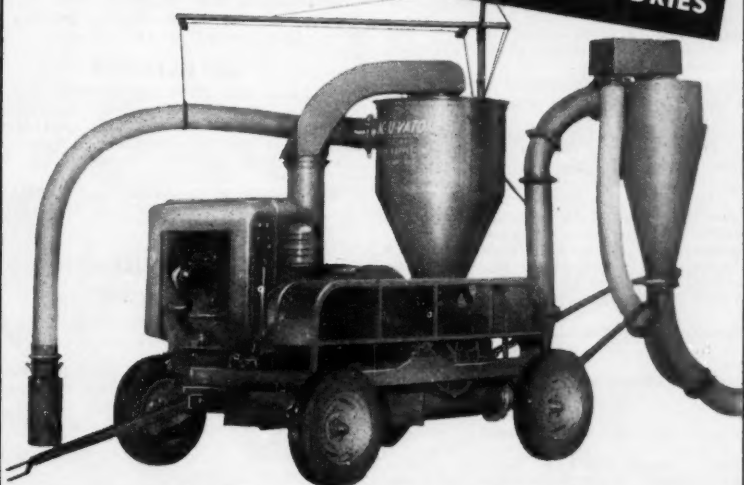
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(Continued)

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Columbus 16, Ohio—JEFFREY MFG. CO., 799 N. 4th St. Conveyors and bucket elevators.

Orient, Ohio—BELT CORP., 5314 Mill St. "Harvest-Handler" lightweight elevators, Models 50C, 60C, 60R, 65C, 65R. "Versaveyor," bag and box conveyors, Model R. Also special powered conveyors.

Sidney, Ohio—SHELBY MFG. CO., P. O. Box 499. Adjustable and vertical screw lifts; chain drags, horizontal screws.

Sidney, Ohio—SIDNEY GRAIN MACHINERY CO., 424 N. Main St. Conveying equipment and elevators.

Springfield, Ohio—DUPLEX MILL & MFG. CO.

Tiffin, Ohio—WEBSTER MFG., INC. Designer and manufacturer of stationary elevating and conveying equipment.

Westerville, Ohio—J. W. HANCE MFG. CO. Elevating and conveying equipment.

Youngstown 1, Ohio—REPUBLIC RUBBER DIV., Lee Tire & Rubber Co., Albert St. Car-unloading and soybean oil meal-conducting hose.

Oklahoma City, Okla.—BOARDMAN CO., 1401 S.W. 11th St.

Oklahoma City, Okla.—ROSS MACHINE & MILL SUPPLY, INC., 12 N. E. 28th St. Elevators.

Oklahoma City, Okla.—SOUTHWESTERN SUPPLY & MACHINE WORKS, 6 S.E. 4th St. "Rotor Lift" designed to elevate free flowing bulk material; bucket elevators; screw conveyors and accessories.

Bangor, Pa.—GODSHALK SHEET METAL FABRICATORS, N. Main St. Belt and bucket elevators, screw and drag belt conveyors, hoppers.

Catasauqua, Pa.—FULLER CO. Subsidiary of General American Transportation Corp. Also operates plant at Manheim, Pa. Manufactures pneumatic conveyors for bulk dry materials; also vane-type rotary compressors.

Muncy, Pa.—SPROUT, WALDRON & CO., INC. Screw conveyors; bucket elevators; "Pneum-Vac" bulk materials handling system.

York, Pa.—OLIVER CORP., A. B. Farquhar div., 142 N. Duke St. All types of conveyors for handling bulk or packaged materials.

Memphis, Tenn.—DABNEY-HOOVER SUPPLY CO., 45 W. Virginia. Screw conveyors, belt conveyors, bucket elevators, vertical screw lift, portable conveyors.

Memphis, Tenn.—J. E. DILWORTH CO., 730 S. 3rd, P. O. Box 2834. Also in Jackson, Miss., and Tuscaloosa, Ala. Industrial supply distributor of conveying equipment.

Memphis 2, Tenn.—LEWIS-DIESEL ENGINE CO., P. O. Box 2828, DeSoto Sta., 92 W. Carolina Ave. Designs, fabricates and sells conveying and elevating systems.

Memphis, Tenn.—LEWIS SUPPLY CO., 477 S. Main St.

Memphis 3, Tenn.—W. C. PITTS & SON, INC., 154 N. Front St. Conveying and elevating equipment.

Memphis, Tenn.—RIECHMAN-CROSBY CO., 223-229 S. Front St. Elevating and conveying equipment.

Burleson, Tex.—THOMAS CONVEYOR CO. INC., P. O. Box 6. Screw conveyors and elevators, bucket elevators, belt and drag conveyors.

Fort Worth, Tex.—FORT WORTH STEEL & MACHINERY CO., 3600 McCart St. Offices in Chicago, St. Louis, Kansas City, Memphis, Jersey City, Atlanta, Shreveport, Houston, Oklahoma City, Denver, Los Angeles, San Francisco, Portland, Ore. Screw conveyor.

Fort Worth, Tex.—INDUSTRIAL MACHINERY CO., INC., 2400 S. Main. Screw conveyors, elevators, belt conveyors.

Fort Worth, Tex.—WICHITA INDUSTRIAL MFG. CO., P. O. Box 307, 3463 W. Vickery Blvd. **Mineral Wells, Tex.**—NORWOOD MFG. CO., 100 Lincoln Ave. Manufactures conveying and elevating equipment.

Milwaukee 16, Wis.—BLOWER APPLICATION CO., 3165 N. 30th St. Pneumatic conveying systems; rotary feeder valves.

DEFOLIANTS

St. Louis, Mo.—CYPRESS SUPPLY CO., 219 Chouteau. Also at Portageville. Distributor.

Middleport, N. Y.—NIAGARA CHEMICAL DIV., Food Machinery & Chemical Corp. Also plants in Harlingen, Tex.; Wyoming, Ill.; Richmond, Calif.; Jacksonville, Fla.

New York 20, N. Y.—AMERICAN CYANAMID CO., agricultural chemicals div., 30 Rockefeller Plaza.

DRYING EQUIPMENT

FARM DRIERS

San Francisco 7, Calif.—SHANZER MFG. CO., 85 Bluxome St. Shanzer all-purpose portable crop driers.

Aurora, Ill.—FINCO, INC., 401-209 Hanks Ave. **Crystal Lake, Ill.**—AMERICAN CROP DRYING EQUIPMENT CO. Crop driers—heated and natural air-drying bins, aeration systems, moisture testers.

Des Moines 17, Iowa—CAMPBELL DRYER CO., 3121 Dean Ave.

Des Moines, Iowa—LENNOX FURNACE CO., 1701 E. Euclid Ave. Also plants at Columbus, Marshalltown, Iowa, Syracuse, Decatur, Ga., Fort Worth, Salt Lake City, Pasadena, Toronto and Calgary. Heated air crop drying equipment—oil fired. Crop drying fans for unheated air. Batch bins for drying.

Lexington, Ky.—PEIRSON-MOORE CO., INC., N. Beltline at L&N RR. All-purpose farm driers.

Minneapolis 26, Minn.—LAKESHORE MFG. CO., 3338 Republic Ave. "Cropgard" driers.

Columbus, Nebr.—BEHLEN MFG. CO. Combination drying tower and heat blower. Dries soybeans, small grain, corn and other crops.

Columbus, Nebr.—HABCO MFG. CO., Industrial site. Plant also at Platte Center. Portable batch-type and recirculating driers.

Scottsbluff, Nebr.—AIR-O-VATOR CO., INC., 1405 Ave. B. "Air-O-Vator" wind-driven grain drier which operates without heated air.

Raleigh, N. C.—AEROGlide CORP., 510 Glenwood Ave., P. O. Box 1839. Manufactures "Aeroglide" grain driers.

New Holland, Pa.—NEW HOLLAND MACHINE CO. Crop drier.

GRAIN DRIERS

Anniston, Ala.—KILBY STEEL CO., P. O. Box 1489. Soybean drying equipment.

San Francisco 7, Calif.—SHANZER MFG. CO., 85 Bluxome St. "Shanzer" columnar grain and soybean driers.

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DRYING EQUIPMENT—

(Continued)

Cicero 50, Ill.—HESS CO., 1855 S. 54th Ave. Manufacturing of drying equipment to reduce the moisture content of soybeans.

Evanston, Ill.—BURROWS EQUIPMENT CO., 1316-7 Sherman Ave.

Attica, Ind.—GRAIN DRYING EQUIPMENT CO. Continuous and batch "Drill" grain driers.

Davenport, Iowa—DAVENPORT MACHINE & FOUNDRY CO., 1628 W. 4th St. "Rotary" soybean driers, conditioners, coolers.

Des Moines 17, Iowa—CAMPBELL DRYER CO., 3121 Dean Ave.

Des Moines 9, Iowa—CORN STATES HYBRID SERVICE, 1101 Walnut St. "Campbell" grain driers. Aeration equipment.

Minneapolis 1, Minn.—LINDSAY BROS. CO., 400 N. 1st St. Also at Des Moines, Omaha, Sioux Falls and Fargo. Wholesale distributor.

Columbus, Nebr.—HABCO MFG. CO., Industrial site. Plant also at Platte Center. Continuous stationary low heat, high air volume grain drying equipment.

Raleigh, N. C.—AEROGlide CORP., 510 Glenwood Ave., P. O. Box 1839. Manufacturer of "Aeroglide" grain driers, gas or oil—full range of sizes.

Piqua, Ohio—HARTZELL PROPELLER FAN CO., P. O. Box 909. Drying and conditioning equipment.

Sidney, Ohio—SIDNEY GRAIN MACHINERY CO., 424 N. Main St. Driers.

Memphis, Tenn.—LEWIS SUPPLY CO., 477 S. Main St.

Memphis 3, Tenn.—W. C. PITTS & SON, INC., 154 N. Front St.

MEAL DRIERS

Chicago 1, Ill.—LINK-BELT CO. Also at Indianapolis, Philadelphia and Colmar, Pa., Atlanta, Houston, Minneapolis, San Francisco, Los Angeles, Seattle, Toronto. Roto-Louvre, Multi-Louvre, etc.

Baltimore 24, Md.—EDW. RENNEBURG & SONS CO., 2639 Boston St. Rotary driers of all types (direct and indirect, including variable diameter "DehydrO-Mat" driers), coolers, elevators, conveyors, industrial oil burner systems.

Hoboken, N. J.—CONSOLIDATED PRODUCTS CO., INC., 52-54 Bloomfield St. Used rotary steam driers.

Cleveland 2, Ohio—V. D. ANDERSON CO., 1990 W. 96th St. Rotary steam driers, solvent recovery driers.

Oreland, Pa.—ACME COPPERSMITHING & MACHINE CO. Direct heat, drum, cylindrical, indirect heat, rotary, spray type, steam jacketed, tray, vacuum, "Acme" hi-speed rotary film-type and multi-stage driers.

Milwaukee, Wis.—ALLIS-CHALMERS MFG. CO., gen. machinery div.

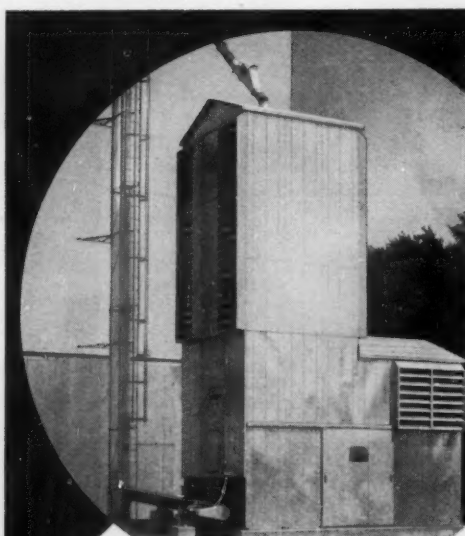
Milwaukee, Wis.—ARNOLD DRYER CO., 3000 W. Montana. Dehydrators.

DUST CONTROL SYSTEMS DUST COLLECTORS

Hamden, Conn.—ENTOLETER DIV., Safety Industries, Inc., 1187 Dixwell Ave. Dust collectors; "Simon" suction filters.

Chicago 40, Ill.—BREUER ELECTRIC MFG. CO., 5100 N. Ravenswood Ave. Dust collectors, industrial vacuum cleaners.

Chicago 50, Ill.—PRATER PULVERIZER CO., 1517-49 S. 55th Court.



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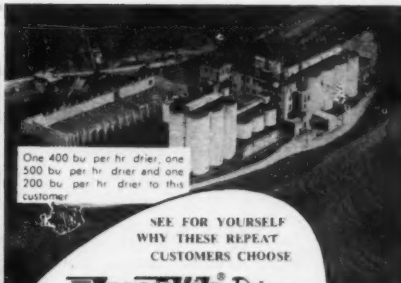
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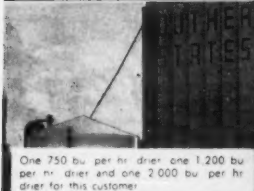
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DUST CONTROL SYSTEMS DUST COLLECTORS—(Continued)

Chicago 6, Ill.—SEEDBURO EQUIPMENT CO., 794 Converse Bldg.

Decatur, Ill.—HUSS & SCHLIEPER, 714 N. Church St., P. O. Box 862. Dust collecting systems.

Evanston, Ill.—BURROWS EQUIPMENT CO., 1316-7 Sherman Ave.

Mishawaka, Ind.—WHEELABRATOR CORP., 886 S. Byrkit St. Dust collector equipment to ventilate various processing operations. Blast cleaning equipment for maintenance and re-conditioning.

Wichita 4, Kans.—ARK VALLEY MILL & ELEVATOR SERVICE, INC., 1927 N. Mosley. Manufacturer of dust control equipment.

New Orleans, La.—NATIONAL BLOW PIPE & MFG. CO., INC., Claiborne, Poland, Derbigny and Kentucky Sts.

Baltimore, Md.—KOPPERS CO., INC., metal products div., 200 Scott St. Main office, Pittsburgh 19, Pa. "Aeroturn" dust filters.

Lake Orion, Mich.—DUST SUPPRESSION & ENGINEERING CO., 120 S. Broadway, P. O. Box 67. Manufactures "Air Tumbler" industrial wet-type dust collector.

Hopkins, Minn.—PROCESS MACHINERY DIV., Superior Separator Co., 121 Washington Ave. S. Air centrifuge dust collectors.

Minneapolis 13, Minn.—DAY CO., 810 3rd Ave. N.E. Dust filters and systems.

Thief River Falls, Minn.—FRED FORSBERG & SONS, INC. Bag cleaners.

Kansas City 8, Mo.—W. C. WIEDENMANN & SONS, INC. 1820-24 Harrison St.

Summit, N. J.—PULVERIZING MACHINERY DIV., Metals Disintegrating Co., Inc., River and Chatham Rds. Manufacturer of "Mikro-Collector" for product recovery and industrial dust control.

Buffalo 25, N. Y.—DUSTEX CORP., 1758 Walden Ave. "Microclone" and "Dustex" dust collectors.

Cleveland 5, Ohio—DRACCO CORP., 4063 E. 116th St. Industrial dust collecting equipment.

Cleveland 14, Ohio—FILTER FABRICS, INC., 1520 E. 17th St. Industrial dust collecting bags built to specification.

Muncy, Pa.—SPROUT, WALDRON & CO., INC. Cyclone collectors.

Oreland, Pa.—ACME COPPERSMITHING & MACHINE CO.

Fort Worth, Tex.—WICHITA INDUSTRIAL MFG. CO., P. O. Box 307, 3463 W. Vickery Blvd.

Milwaukee 16, Wis.—BLOWER APPLICATION CO., 3165 N. 30th St. Dust collecting systems.

ELEVATOR BUCKETS

Chicago 1, Ill.—LINK-BELT CO. Also at Indianapolis, Philadelphia and Colmar, Pa., Atlanta, Houston, Minneapolis, San Francisco, Los Angeles, Seattle, Toronto. All types, including the "HS" high speed elevator buckets.

Chicago 6, Ill.—SEEDBURO EQUIPMENT CO., 794 Converse Bldg.

Chicago 4, Ill.—B. I. WELLER CO., 327 S. La Salle St.

East St. Louis, Ill.—NATIONAL OATS CO., Dura-Buket div., 1931 Baugh Ave. New and improved "Dura-Buket."

Evanston, Ill.—BURROWS EQUIPMENT CO., 1316-7 Sherman Ave.

Moline, Ill.—K. I. WILLIS CORP.

Peoria, Ill.—PAUL J. HAGERTY EQUIPMENT CO., 800 S. Adams St. Buckets.

Hammond, Ind.—SCREW CONVEYOR CORP., 757 Hoffman St. Elevator buckets ("Nu-Hy," "Winona," "Salem," "Nu-Type") and bolts.

Cedar Rapids, Iowa—DIVINE ENGINEERING, INC., 315 7th Ave. S.E. Supplier.

Cedar Rapids, Iowa—J. C. KINTZ CO., 1737 B Ave. N.E.

Minneapolis, Minn.—R. R. HOWELL CO., 31st Ave. and S.E. 4th St. Buckets.

Thief River Falls, Minn.—FRED FORSBERG & SONS, INC.

Kansas City, Mo.—GENERAL MILL EQUIPMENT CO., 2021 Pennsylvania Ave. Elevator buckets.

St. Louis, Mo.—DESIGN MFG. & EQUIPMENT CO., 1025 N. 6th St.

Columbus 16, Ohio—JEFFREY MFG. CO., 799 N. 4th St. Elevator buckets.

Sidney, Ohio—SHELBY MFG. CO., P. O. Box 499.

Muncy, Pa.—SPROUT, WALDRON & CO. INC. Memphis, Tenn.—DABNEY-HOOVER SUPPLY CO., 45 W. Virginia.

Memphis, Tenn.—LEWIS SUPPLY CO., 477 S. Main St.

Fort Worth, Tex.—FORT WORTH STEEL & MACHINERY CO., 3600 McCart St. Offices in Chicago, St. Louis, Kansas City, Memphis, Jersey City, Atlanta, Shreveport, Houston, Oklahoma City, Denver, Los Angeles, San Francisco, Portland, Ore.

FANS

Little Rock, Ark.—HUBERT PHELPS MACHINERY CO., 1700 E. 9th St. Seed cooling fans. Aurora, Ill.—FINCO, INC., 401-209 Hanks Ave. Blowers.

Chicago 4, Ill.—GARDEN CITY FAN CO., 332 S. Michigan Ave. Plant at Niles, Mich. Fans, blowers and exhausters.

Chicago 50, Ill.—PRATER PULVERIZER CO., 1517-49 S. 55th Court.

East Moline, Ill.—DE BOTHEZAT FANS DIV., American Machine & Metals, Inc. Certified ventilating and air moving equipment.

Evanston, Ill.—BURROWS EQUIPMENT CO., 1316-7 Sherman Ave.

Morton Grove, Ill.—GENERAL BLOWER CO., 8630 Ferris Ave. Fans, blowers, exhausters.

Skokie, Ill.—WM. W. MEYER & SONS INC., 8311 Niles Center Rd. Blowers, fans, exhausters and vacuum cleaners.

New Orleans, La.—NATIONAL BLOW PIPE & MFG. CO., INC., Claiborne, Poland, Derbigny and Kentucky Sts. Industrial fans.

Minneapolis 13, Minn.—STRONG-SCOTT MFG. CO., 451 Taft St. N. E.

Sidney, Ohio—SHELBY MFG. CO., P. O. Box 499. Carloaders blowers.

Springfield, Ohio — ROBBINS & MYERS, INC., 1345 Lagonda Ave. Also plants at Memphis, and Brantford, Ont. Industrial fans.

Muncy, Pa.—SPROUT, WALDRON & CO., INC.

Memphis, Tenn.—DABNEY-HOOVER SUPPLY CO., 45 W. Virginia.

Memphis, Tenn.—LEWIS SUPPLY CO., 477 S. Main St.

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FARM EQUIPMENT

Bloomington, Ill. — **PORTABLE ELEVATOR MFG. CO.** Manufactures portable farm elevators, "Roll-A-Way" conveyors, bucket elevators.

Champaign, Ill. — **HARRISON CROPSAVER CO.** 524 N. Hickory St. Manufacturer of "Crop-saver" pickup reel for combine.

Chicago 1, Ill. — **INTERNATIONAL HARVESTER CO.**, gen. office 180 N. Michigan Ave. McCormick farm equipment, Farmall and International tractors.

Chicago 6, Ill. — **OLIVER CORP.**, 400 W. Madison St. Manufactures drills and planters at Springfield, Ohio; combines at Battle Creek, Mich.; cultivators at South Bend, Ind.; wheel tractors at Charles City, Iowa.

Mendota, Ill. — **H. D. HUME CO.**, 812 N. Main St. Combination bat and time pickup reels for combines and windrowers. Crop guards for fast, safe cultivation; wire winder for fencing.

Moline, Ill. — **JOHN DEERE.** Tractors, machines and implements for preparing seedbed and for planting, cultivating, and harvesting soybeans; crop dusters.

Ottawa, Ill. — **KING & HAMILTON CO.**, 301 W. Marquette St. Also at Sioux Falls, S. Dak., Amboy, Ind., and Des Moines, Iowa. 9-18 inch belt conveyor and cup elevators.

Peoria 8, Ill. — **CATERPILLAR TRACTOR CO.** Diesel track-type and wheel-type tractors; motor graders; agricultural tool bars and tools; diesel engines and diesel electric sets; tractor shovels; scrapers; bulldozer blades; and cable and hydraulic controls.

Churubusco, Ind. — **AMERICAN TRACTOR CORP.** Manufacturer of farm implements.

Kempton, Ind. — **LIFE-TIME GATE CORP. OF INDIANA.** Manufacturer of "Life-Time" aluminum and steel gates.

Cedar Rapids, Iowa — **CENTURY ENGINEERING CORP.**, 401 3rd St. Manufactures sprayers, seeders, fertilizer spreaders, granular insecticide applicators.

Davenport, Iowa — **EVER-TITE MFG. CO.**, 417 Washington St., P. O. Box 666. Hydraulic and mechanical hoists.

Hull, Iowa — **KOOIKER MFG. CO.** Row crop shields.

Hesston, Kans. — **HESSTON MFG. CO., INC.** Soybean harvesting attachment for self-propelled combines. Straw chopper and spreader for combines.

Birmingham, Mich. — **TRACTOR & IMPLEMENT DIV.**, Ford Motor Co., 2500 E. Maple Rd. "Ford" tractor and "Ford" and "Dearborn" farm equipment.

Caro, Mich. — **RUSSELL MFG. CO.**, 415 Wells St., P. O. Box 148. "Russell Weed-Controls"—cultivator tools for eliminating weeds in rows; "Trash-Master"—covering attachment for plows. "Surface Tiller" field leveler for pre-planting tillage.

Wayne, Mich. — **GAR WOOD INDUSTRIES, INC.** Gar Wood—St. Paul "Dump-It" low-mount farm conversion hoist for pickup and flat-bed trucks; Gar Wood—St. Paul "Frate Gate" hydraulic elevating end-gates for pickup and flat-bed trucks.

Minneapolis, Minn. — **AMERICAN IRON WORKS, INC.**, 1325 N. E. Quincy. Subsidiary of Champion Motors Co., Minneapolis. Manufactures "Strawmaster" device attached to rear of combine to chop and spread soybean straw; "Measur-Matic" combine measuring device; "Pulver-O-Master" vine chopper and stalk shredder.

Minneapolis 22, Minn. — **BETTER-BILT MFG. CO.**, 5182 W. Broadway. Manufacturer of "Culti-Leveler"—ground leveling attachment used in the cultivation of beans and corn.

Minneapolis 15, Minn. — **ELROY PRODUCTS CO.**, 529 S. 7th St. Affiliated with Polaris Industries Inc., Roseau, Minn. "Polaris" straw cutter and spreader.

Minneapolis, Minn. — **WALTER HAERTEL CO.**, 2840 4th Ave. S. Manufacturer of "Harco Straw Sav-all"—attachment for combine which places two windrows into one for baling straw.

Minneapolis 11, Minn. — **O. W. KROMER CO.**, 1120 Emerson Ave. N. Manufacturer of seed treaters and fertilizer applicators.

Minneapolis 1, Minn. — **LINDSAY BROS. CO.**, 400 N. 1st St. Also at Des Moines, Omaha, Sioux Falls and Fargo. Wholesale distributor. Straw cutters, combining equipment, "Hume" reel, "Polaris" straw chopper.

Minneapolis 1, Minn. — **MINNEAPOLIS-MOLINE CO.** Tillage tools, visionlined tractors, planters, and harvesters specially adapted to modern soy production.

Moorhead, Minn. — **BEN GUSTAFSON & SON MFG. CO.**, 1031 Center Ave. Seed treating machinery—mist-type and slurry, drum-type and dry treaters. Builds treaters for special treating problems.

New Ulm, Minn. — **NEW ULM MFG. CO.**, 107 N. Front St. Manufacturer of "Kut-Rite" straw chopper.

Roseau, Minn. — **POLARIS INDUSTRIES, INC.** "Polaris" cutter and spreader for cutting and spreading soybean straw while combining.

Columbus, Nebr. — **HABCO MFG. CO.** Irrigation equipment—aluminum irrigation pipe, gates, fittings, and couplings.

Archbold, Ohio — **KING-WYSE, INC.** Manufacturer of forage harvesters and blowers.

Bellevue, Ohio — **COCKSHUTT FARM EQUIPMENT INC.** Also at Brantford and Smith Falls, Ontario, Canada. Complete line of farm equipment for the grower. Special attention given to soybean growers in development of planters, drills, combines—pull-type and self-propelled.

New Holland, Pa. — **NEW HOLLAND MACHINE CO.** Automatic hay balers, field forage harvesters, rakes, mower-crushers, wagons, spreaders, silage blowers, mowers, forage boxes, and bunk feeding attachments for use in harvesting soybeans and soybean mixtures for livestock feed.

York, Pa. — **OLIVER CORP.**, 142 N. Duke St. Manufacturer of "Iron Age" planters.

Spokane 1, Wash. — **CALKINS MANUFACTURING CO.**, 1102 N. Atlantic St. Also at Golden, Colo. Manufacturer of combination cleaner, grader and treater. Three models of slurry treaters. "Westate" land leveler used in irrigated soybean growing.

Milwaukee 1, Wis. — **ALLIS-CHALMERS MFG. CO.** Wheel and crawler tractors; moldboard and disc plows; disc harrows; field cultivators; 1, 2 and 4-row planters; grain and seed drills; 1, 2 and 4-row cultivators; pull-type and self-propelled combines; mowers; rakes; field balers; elevators; loaders; manure spreaders.

FARM EQUIPMENT—(Continued)

Racine, Wis.—**BELLE CITY ENGINEERING CO.**, 921 Carroll St. Affiliate of Franklin Electric Co., Bluffton, Ind. Electric "Mix-Mill"—a farm feed mill which measures, mixes and grinds all within one unit.

Racine, Wis.—**J. I. CASE CO.**, 700 State St. Agricultural machinery for the production of soybeans and other crops.

Racine, Wis.—**FERGUSON DIV.**, Massey-Harris-Ferguson Inc. Manufactures "Ferguson" tractor and "Ferguson" system implements.

Racine, Wis.—**MASSEY-HARRIS-FERGUSON INC.**, Quality Ave. Plants at Batavia, N. Y.; Fowler, Calif.; also in Canada and Europe. Manufactures farm tractors, combines and implements.

FERTILIZERS

Atlanta, Ga.—**TENNESSEE CORP.** Trace elements—manganese oxide and sulfate; copper, zinc and iron sulfate; "Nu-Iron"—nutritional iron.

Chicago 6, Ill.—**THOMSON PHOSPHATE DEPT.**, International Minerals & Chemical Corp., 20 N. Wacker Dr. Rock phosphate.

New York 7, N. Y.—**AMERICAN AGRICULTURAL CHEMICAL CO.**, 50 Church St.

New York 20, N. Y.—**AMERICAN CYANAMID CO.**, agricultural chemicals div., 30 Rockefeller Plaza.

Columbia, Tenn.—**RUHM PHOSPHATE & CHEMICAL CO.**, P. O. Box 361. Phosphate.

FUMIGANTS

Chicago 30, Ill.—**DOW CHEMICAL CO.**, 6000 W. Touhy Ave.

Chicago 6, Ill.—**SEEDBURO EQUIPMENT CO.**, 794 Converse Bldg.

Evanston, Ill.—**BURROWS EQUIPMENT CO.**, 1316-7 Sherman Ave.

Huntington, Ind.—**HUNTINGTON LABORATORIES, INC.** Fumigants, sprays, powders, fly and moth killers.

North Kansas City 16, Mo.—**DOUGLAS CHEMICAL CO.**, 620 E. 16th Ave.

New York 20, N. Y.—**AMERICAN CYANAMID CO.**, agricultural chemicals div., 30 Rockefeller Plaza.

New York 6, N. Y.—**LARVICIDE PRODUCTS, INC.**, 117 Liberty St. Soil and grain fumigants, industrial fumigants.

FUNGICIDES

Naugatuck, Conn.—**UNITED STATES RUBBER NAUGATUCK CHEMICAL DIV.** "Phygon-XL," "Spergon Wetttable."

New York 7, N. Y.—**AMERICAN AGRICULTURAL CHEMICAL CO.**, 50 Church St.

New York 6, N. Y.—**LARVICIDE PRODUCTS, INC.**, 117 Liberty St.

GERMINATORS

Chicago 6, Ill.—**SEEDBURO EQUIPMENT CO.**, 794 Converse Bldg.

Evanston, Ill.—**BURROWS EQUIPMENT CO.**, 1316-7 Sherman Ave.

Brookings, S. Dak.—**E. L. ERICKSON PRODUCTS.**

GRAIN AND SEED CLEANING EQUIPMENT

Los Angeles 38, Calif.—**SEPARATOR DIVISION**, Southwestern Engineering Co., 4800 Santa Fe Ave. Manufactures "Sweco" vibrating screen separators.

San Francisco 7, Calif.—**SHANZER MFG. CO.**, 85 Bluxome St. Shanzer "Berico" aspirating grain separator.

Stockton, Calif.—**WESTERN ELECTRIC ENGINEERING CO.**, 31 W. 8th St. "Linde Air-Weigh" seed refiners.

Rocky Ford, Colo.—**OLIVER MFG. CO.** Gravity separators and stoners.

Chicago 6, Ill.—**SEEDBURO EQUIPMENT CO.**, 794 Converse Bldg.

Evanston, Ill.—**BURROWS EQUIPMENT CO.**, 1316-7 Sherman Ave.

Cedar Falls, Iowa—**UNIVERSAL HOIST CO.**, 1326 Waterloo Road. Manufactures cylinder-type cleaners and graders.

Cedar Rapids, Iowa—**BARNARD & LEAS MFG. CO., INC.**, 1200 12th St. S.W. Scalping, screening, aspirating and other equipment for grain cleaning and grading.

Des Moines 9, Iowa—**CORN STATES HYBRID SERVICE**, 1101 Walnut St.

Alma, Mich.—**CRIPPEN MFG. CO.**, 750 Virginia St. Scalpers and cleaners for cleaning and grading soybeans for commercial and seedling quality.

Saginaw, Mich.—**A. T. FERRELL & CO.** "Clippers"—soybean cleaners, high capacity market cleaners, grain and seed cleaners, dust collectors, trash blowers, car loaders and 215 perforated and wire mesh screens.

Minneapolis, Minn.—**CLELAND MFG. CO.**, 2800 Washington Ave. N. "Krusow Double Spiral" separates corn from soybeans; "Expert" cleaner and grader.

Minneapolis 18, Minn.—**HART-CARTER CO.** Screening and aspirating equipment for high capacity handling of beans as received and ahead of driers and for refined cleaning of beans to be processed; also for removal of hulls from cracked beans.

Minneapolis 1, Minn.—**LINDSAY BROS. CO.**, 400 N. 1st St. Also at Des Moines, Omaha, Sioux Falls and Fargo. Wholesale distributor. Cleaning machinery. "Clipper" cleaners.

Minneapolis 11, Minn.—**PIONEER FANNING MILL CO.**, 1328 N. 2nd St. "Bull Dog" fanning mill, soybean cleaner, perforated zinc replacement material for soybean cleaners.

Minneapolis 13, Minn.—**STRONG-SCOTT MFG. CO.**, 451 Taft St. N. E. "Power-Flo" separators.

St. Paul 4, Minn.—**HAACKY MILL & ELEVATOR SUPPLY**, div. of Haacky Mfg. Co., 509 Vandalia St. Aspirators, scourers and scalpers.

Thief River Falls, Minn.—**FRED FORSBERG & SONS, INC.** Gravity separators and screen cleaners, stoning separators.

Hoboken, N. J.—**CONSOLIDATED PRODUCTS CO., INC.**, 52-54 Bloomfield St. Used "Rotex," "Rotex" and vibrating screens and sifters.

Brocton, N. Y.—**HUNTLEY MFG. CO.** "Monitor" master cleaner for soybean processors.

Rochester 11, N. Y.—**ERDLE PERFORATING CO., INC.**, 171 York St. Grain cleaning screens.

Silver Creek, N. Y.—**S. HOWES CO., INC.** Separators, scalpers, cleaners, mixers, aspirators.

Cincinnati 23, Ohio—**ORVILLE SIMPSON CO.**, 1230 Knowlton St. "Rotex" screeners.

Mr. Soybean Grower:

**\$13⁹⁰ per acre extra profit —
only 24c invested!**



**with
SPERGON
Soybean
Seed
Protectant**

Here is the proof: 10 lbs. of Spergon at \$2.40 per pound can treat 90 bushels of soybean seed. Data for the past 10 years show that Spergon-treated bushels deliver *yield increases averaging 4.3 to 6.1 bushels per acre.*

AND AT THE AVERAGE PRICE PER BUSHEL FOR SOYBEANS SINCE 1954, YOU MIGHT EXPECT TO GET A RETURN OF \$13.90 PER ACRE HIGHER PROFIT. Or, to put it another way, you spend \$24.00 for a possible gain of \$1,251 gross. More simply, an investment of 24 cents yields up to \$13.90 per acre.

Try 10 pounds of Spergon when planting this spring. Leave a few rows of *untreated* seed for comparison. At harvest time you'll realize more fully the extra profit you will make by treating your soybean seed with Spergon.

Spergon works very effectively with legume inoculants and is non-hazardous.

See your local seed dealer for your requirements today.



United States Rubber

Naugatuck Chemical Division

Naugatuck, Connecticut

producers of seed protectants, fungicides, miticides, insecticides, growth retardants, herbicides: Spergon, Phygon, Aramite, Synklor, MH, Alanap, Duraset.

GRAIN AND SEED CLEANING EQUIPMENT—(Continued)

Columbus 7, Ohio—BONDED SCALE & MACHINE CO., 74 Kingston Ave. Cleaning, sizing, grading and sorting machines.

Sidney, Ohio—SIDNEY GRAIN MACHINERY CO., 424 N. Main St. Grain cleaners.

Springfield, Ohio—BAUER BROS. CO. Permanent magnetic separators.

Springfield, Ohio—DUPLEX MILL & MFG. CO. Scalpers and cleaners.

Westerville, Ohio—J. W. HANCE MFG. CO. Seed graders, seed treaters, seed cleaner screen material for all types fanning mills, "Super-Speed" scalping shoes for grain, beans and corn.

Memphis, Tenn.—DABNEY-HOOVER SUPPLY CO., 45 W. Virginia. Cleaners and scalpers.

Dallas, Tex.—SUTTON, STEELE & STEELE, INC. "S S & S" airfloat stoners, specific gravity separators.

GRAIN GRADING EQUIPMENT MOISTURE TESTERS

Alhambra, Calif.—MOISTURE REGISTER CO., 1510 W. Chestnut St. "Model G5" and "Buckeye Moisture Register"—electronic moisture testing instruments for use on soybeans, soybean oil meal, and other oil-bearing and non-metallic, powdered and granular materials.

Waterbury 20, Conn.—BRISTOL CO., P. O. Box 1790-SB. Manufacturer of temperature and humidity recorders.

Chicago 6, Ill.—SEEDBURO EQUIPMENT CO., 794 Converse Bldg. Official equipment for testing and grading soybeans and grain. "Steinlite" moisture and oil testers.

Evanston, Ill.—BURROWS EQUIPMENT CO., 1316-7 Sherman Ave. Moisture testers.

Macon, Ill.—RADSON ENGINEERING CORP. Radson Model 20 grain moisture tester.

Cedar Rapids, Iowa—J. C. KINTZ CO., 1737 B Ave. N.E.

Atchison, Kans.—FRED STEIN LABORATORIES, 121 N. 4th St. Manufactures electronic instrument for rapidly testing oil content of seeds; other models for testing moisture content of oil meal and seeds.

Saginaw, Mich.—A. T. FERRELL & CO. "C.A.E. Halross" moisture meter; hand testing screens; "Clipper" dockage tester.

Minneapolis, Minn.—CUTHBERT CO., INC., 302 4th Ave. S. Plants at 322 S. 3rd St. and 246 4th Ave. S. Manufactures test equipment. Moisture, dockage and general elevator supplies.

Columbus, Nebr.—BEHLEN MFG. CO. New electronic unit for on-the-farm moisture testing of all small grains.

Newark 12, N. J.—WESTON ELECTRICAL INSTRUMENT CORP., 614 Frelinghuysen Ave. A subsidiary of Daystrom, Inc. Indicating, recording and controlling instruments; moisture meters.

Brooklyn 1, N. Y.—HYGROTESTER, INC., P. O. Box 923. "Hygrotester" accurately measures moisture content of seeds, beans, meal, press and extraction residues. Continuously records, controls moisture content by regulating drying or moistening process.

Westerville, Ohio—J. W. HANCE MFG. CO. Grading machinery for industry, small capacity.

Brookings, S. Dak.—E. L. ERICKSON PRODUCTS. Dockage testers.

Memphis, Tenn.—DABNEY-HOOVER SUPPLY CO., 45 W. Virginia.

GRAIN HANDLING EQUIPMENT

Chicago 6, Ill.—SEEDBURO EQUIPMENT CO., 794 Converse Bldg.

Evanston, Ill.—BURROWS EQUIPMENT CO., 1316-7 Sherman Ave.

Geneva, Ill.—DUNBAR-KAPPLE INC. "Vac-U-Vator" pneumatic grain handler and "Feed-O-Vator" pneumatic feed mover.

Hull, Iowa—KOOIKER MFG. CO.

Minneapolis, Minn.—CUTHBERT CO., INC., 302 4th Ave. S. Plants at 322 S. 3rd St. and 246 4th Ave. S.

Columbus 7, Ohio—BONDED SCALE & MACHINE CO., 74 Kingston Ave.

Brookings, S. Dak.—E. L. ERICKSON PRODUCTS. Seed blowers. Seed counting devices.

Memphis, Tenn.—DABNEY-HOOVER SUPPLY CO., 45 W. Virginia. All types.

GRANULATORS

Chicago 50, Ill.—PRATER PULVERIZER CO., 1517-49 S. 55th Court. For soybean expeller cake and water balls.

Muncy, Pa.—SPROUT, WALDRON & CO., INC.

GRINDING AND MIXING EQUIPMENT

Oakland 23, Calif.—MOORE DRY DOCK CO., Adeline St. Rolls for grinding and flaking mills.

San Francisco 10, Calif.—ENTERPRISE ENGINE & MACHINERY CO., 18th and Florida Sts. Subsidiary of General Metals Corp. "Vertical" grinder for preparation of soybeans, copra, cottonseed, flax seed and other oil-bearing materials.

Santa Rosa, Calif.—RIETZ MFG. CO., 150 Todd Road. Branch at West Chester, Pa. "Rietz Disintegrators" for high capacity grinding of all oil-bearing material. "Rietz Prebreakers" for coarse crushing of all kinds.

Denver 16, Colo.—WAGNER MACHINE & MILL SUPPLY CO., 4444 York St. Manufacturer of grinders and mixers.

Hamden, Conn.—ENTOLETER DIV., Safety Industries, Inc., 1187 Dixwell Ave. "Entoleter" centrifugal hullers and impact mills.

Atlanta, Ga.—DAVIDSON-KENNEDY CO., 1090 Jefferson St. N.W., P. O. Box 97, Sta. D. Toasters, cracking and flaking rolls, bean heaters.

Chicago 50, Ill.—PRATER PULVERIZER CO., 1517-49 S. 55th Court. Dual screen pulverizers for soybean oil meal; two stage grinding setups; special hull grinders; "Blue Streak" triple reduction mills; hammermills.

Chicago 6, Ill.—SEEDBURO EQUIPMENT CO., 794 Converse Bldg.

Decatur, Ill.—HUSS & SCHLIEPER, 714 N. Church St., P. O. Box 862. Shaker-type feeders.

Evanston, Ill.—BURROWS EQUIPMENT CO., 1316-7 Sherman Ave.

Streator, Ill.—MYERS-SHERMAN CO., 1643 S. Illinois St. Hammermills, molasses mixers, vertical batch mixers.

Cedar Rapids, Iowa—BARNARD & LEAS MFG. CO., INC., 1200 12th St. S.W. Roller mills; burr mills; hammermills. Heavy duty, industrial type cracking and flaking rolls.

Cedar Rapids, Iowa—HAMMERMILLS INC., 625 C Ave. N.W. Subsidiary of Pettibone Mulliken Corp. Crushing, grinding, mixing, hashing, pulverizing and shredding equipment.

GRINDING AND MIXING EQUIPMENT—(Continued)

Cedar Rapids, Iowa.—J. C. KINTZ CO., 1737 B Ave. N.E.

Marion, Iowa.—RAPIDS MACHINERY CO., 889 11th St. "Marion" feed mixers and finishers.

Neola, Iowa.—JENSEN MILLS. Wear-sharp and self-sharpening mill hammers. Diamond efficiency.

Bonner Springs, Kans.—H. C. DAVIS SONS' MILL MACHINERY CO., Dept. SGI. Roller mills and batch mixers.

Wichita 12, Kans.—FORSTER MFG. CO. Hammermills.

Wichita 4, Kans. — W-W GRINDER CORP., 2957 N. Market. Manufacturer of hammermills.

Boston 22, Mass.—STURTEVANT MILL CO., 103 Clayton St., Dorchester. Manufactures "Whirlwind" centrifugal air separator and rotary dustless dry batch blender.

Malden, Mass. — NORAMGREX CO. INC., Pleasant St. Plant at 123 Lyme St. Manufactures crushing mills, roller mills, chilled iron rolls.

Port Huron, Mich.—BRYANT ENGINEERING CO., 1514 10th Ave. Hammermills.

Hopkins, Minn. — PROCESS MACHINERY DIV., Superior Separator Co., 121 Washington Ave. S. Grain separators, fractionating aspirators.

Minneapolis, Minn. — R. R. HOWELL CO., 31st Ave. and S. E. 4th St. Mixers, feed and industrial.

Minneapolis 14, Minn.—JACOBSON MACHINE WORKS, 1094 10th Ave. S.E. Hammermills.

Minneapolis 15, Minn. — SCHUTZ-O'NEILL CO., 307 Portland Ave. Pulverizers.

Minneapolis 13, Minn.—STRONG-SCOTT MFG. CO., 451 Taft St. N.E. Grinders, mixers, scalpers.

St. Paul 4, Minn.—HAAKY MILL & ELEVATOR SUPPLY, div. of Haaky Mfg. Co., 509 Vandalia St. Dehulling equipment for soybeans.

St. Paul 3, Minn.—PAPER-CALMENSEN & CO., County Rd. B. and Walnut St. Pulverizing mill hammers and associated parts.

Kansas City, Mo.—GENERAL MILL EQUIPMENT CO., 2021 Pennsylvania Ave. Concentrate and batch mixers.

St. Louis, Mo.—DESIGN MFG. & EQUIPMENT CO., 1025 N. 6th St. Complete mixing and grinding equipment.

St. Louis 4, Mo.—ESSMUELLER CO. Mixers, horizontal batch.

St. Louis 6, Mo.—GRUENDLER CRUSHER & PULVERIZER CO., 2915-2917 N. Market. Slow speed grinder for grinding of expeller or solvent cake. Fine grinder for fine flour, glue, plastics, chemical process and food industry.

St. Louis 6, Mo. — WILLIAMS PATENT CRUSHER & PULVERIZER CO., 2705 N. Broadway. "Meteor" grinders.

Omaha, Nebr.—EDWARD J. HECK & SONS CO., 1102 Farnam St. Manufactures hammermill screens.

Clifton, N. J.—MERCER-ROBINSON CO. INC., 395 Allwood Road. Plant at Muncy, Pa. Also operates Mercer Engineering Works, Clifton, N. J. "Robinson" mixers, sifters, crushers, knife cutters, attrition mills and pulverizers.

Fort Lee, N. J. — BUHLER BROS. INC., State Highway No. 4. Machine importer and manufacturer of cracking and flaking rolls.

Hoboken, N. J.—CONSOLIDATED PRODUCTS CO., INC., 52-54 Bloomfield St. Used hammermills, attrition mills, pulverizers and mixers.

Summit, N. J.—PULVERIZING MACHINERY DIV., Metals Disintegrating Co., Inc., River and Chatham Roads. Manufacturer of "Mikro-Pulverizer" for granular or fine grinding; "Mikro-Atomizer" for ultra-fine grinding.

WEAR SHARP & SELF SHARPENING



Mill Hammers

"DIAMOND EFFICIENCY"

PATENTED

SELF SHARPENING

HARD FACE

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GRINDING AND MIXING EQUIPMENT—(Continued)

Buffalo 6, N. Y.—SCHUTTE PULVERIZER CO., INC., 878 Bailey Ave. Hammermills, hammermill parts, mixers and molasses blenders.

Rochester 11, N. Y.—ERDLE PERFORATING CO., INC., 171 York St. Perforated metals made to special order.

Silver Creek, N. Y.—S. HOWES CO., INC. Scourers, mixers.

Utica 1, N. Y.—MUNSON MILL MACHINERY CO., INC., 210 Seward Ave. Subsidiary of Divine Bros. Co. Hammermills, attrition mills, rotary and vertical mixers, rotary knife cutters, molasses blenders, crushers, scalpels and graders.

Columbus 16, Ohio—JEFFREY MFG. CO., 799 N. 4th St. Hammermills (swing or rigid hammer), crushers, pulverizers, screens.

Marion, Ohio—FAIRFIELD ENGINEERING CO., 324 Barnhart St. "Fairfield-Hughes" hammermill, "Fairfield-Haines" mixer.

Sidney, Ohio—SHELBY MFG. CO., P. O. Box 499. Vertical mixers.

Sidney, Ohio—SIDNEY GRAIN MACHINERY CO., 424 N. Main St. Hammermills and feed mixers.

Springfield, Ohio—BAUER BROS. CO. Laboratory mills, attrition mills, hammermills, soybean hull aspirators, hullers, exhausters, crushers for seed cakes, feeders, breakers, shakers, specific gravity separators. Facilities for experimental projects.

Springfield, Ohio—DUPLEX MILL & MFG. CO. Hammermills, feed mixers, burr mills, attrition mill blowers, magnetic separators.

Westerville, Ohio—J. W. HANCE MFG. CO. Screen material—perforated zinc and galvanized steel plates, woven wire.

Oklahoma City, Okla.—ROSS MACHINE & MILL SUPPLY, INC., 12 N. E. 28th St. Cracking rolls, flaking mills.

Muncy, Pa.—SPROUT, WALDRON & CO., INC. Complete milling equipment. Roller mills, hammermills, attrition mills, laboratory mills, crushers.

Pittsburgh 22, Pa.—BLAW-KNOX CO., foundry and mill machinery div. Also at Chicago 1, Ill. Flaking rolls.

Franklin, Tenn.—J. B. SEDBERRY, INC. Hammermills; "Jay Bee" grinding equipment, batch and molasses mixers.

Memphis, Tenn.—DABNEY-HOOVER SUPPLY CO., 45 W. Virginia. Hammermills and mixers.

Fort Worth, Tex.—FORT WORTH STEEL & MACHINERY CO., 3600 McCart St. Offices in Atlanta, Memphis, Houston, Kansas City, San Francisco, Los Angeles, Chicago, St. Louis, Jersey City, Denver, Shreveport, Oklahoma City, Portland, Ore.

HERBICIDES INSECTICIDES AND PESTICIDES

Naugatuck, Conn.—UNITED STATES RUBBER NAUGATUCK CHEMICAL DIV. "Alanap-1" and "Analap-3"; "Aramite-15W", "Synklor-50-W" and "Synklor-48-E".

Chicago 6, Ill.—SEEDBURO EQUIPMENT CO., 794 Converse Bldg.

Evanston, Ill.—BURROWS EQUIPMENT CO., 1316-7 Sherman Ave.

Cedar Rapids, Iowa—J. C. KINTZ CO., 1737 B Ave. N.E.

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(Some of largest capacity units to industry today)

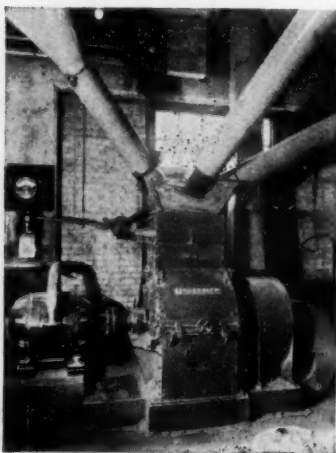
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Gruendler Grinders are available with integral feeding devices to handle a wide variety of feeds, and with Automatic Controls for particle sizing.

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Either high speed or low speed center feed HAMMERMILLS with automatic feeders. Solidly constructed for long life, low upkeep.

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**meet the needs of every consumer—
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ARASAN® 75—For corn, sorghum, peanuts, rice, vegetables, onions, grasses, legumes. In 1-oz., 8-oz., 2-lb., 25-lb. and 100-lb. containers.

ARASAN® SF-M—"Arasan" SF-X plus 2% methoxychlor insecticide. For corn, sorghum, peanuts, rice, vegetables, grasses, legumes. In 25-lb. and 100-lb. containers.

CERESAN® M-2X—For small grains, cotton, flax, peas, sugar beets, rice. In 5-lb. cans.

2% CERESAN®—For cotton, peas, narcissus. In 1½-lb. and 75-lb. containers.

SEMESAN®—For vegetables, flower seeds, bulbs. In 4-oz., 12-oz. and 25-lb. containers.

ARASAN® SF-X—For corn, rice, sorghum, peas, beans, vegetables, grasses, legumes. In 5 1-3 oz., 25-lb. and 100-lb. containers.

DELSAN® A-D—Contains "Arasan" plus dieldrin. For corn, beans, peas, vine crops and sorghum. In 7-oz., 25-lb. and 100-lb. containers.

CERESAN® M—For small grains, cotton, flax, peas, sugar beets, rice. In 14-oz., 3-lb., 40-lb. and 100-lb. containers.

N. I. CERESAN®—For gladiolus bulbs. In 1-lb. and 100-lb. containers.

SEMESAN BEL®—Dip treatment for Irish and sweet potatoes. In 3-oz., 1-lb., 4-lb. and 40-lb. containers.


**...and the new Du Pont CERESAN® Liquid Mercurials
in 5-, 30- and 55-gallon drums...they color seed red**

NEW "CERESAN" 75 LIQUID—Ready-mix treatment for wheat, oats, barley, rye, flax, sorghum, rice, cotton.

NEW "CERESAN" 100 LIQUID—Slurry, mist-type or ready-mix treatment for cotton, wheat, oats, barley, rye, flax, sorghum, rice.


NEW "CERESAN" 200 LIQUID—Slurry treatment for cotton, wheat, oats, barley, rye, flax, sorghum, rice.

On all chemicals, always follow label instructions and warnings carefully.



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Better Things for Better Living
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YOUR "MAGIC KEY" to BIGGER, BETTER CROPS!

E. I. du Pont de Nemours & Co. (Inc.), Grasselli Chemicals Dept., Wilmington 98, Delaware

HERBICIDES, INSECTICIDES AND PESTICIDES—(Continued)

North Kansas City 16, Mo.—DOUGLAS CHEMICAL CO., 620 E. 16th Ave. Agricultural insecticides and pesticides.

Middleport, N. Y.—NIAGARA CHEMICAL DIV., Food Machinery & Chemical Corp. Also plants in Harlingen, Tex.; Wyoming, Ill.; Richmond, Calif.; Jacksonville, Fla. Weed killers; insecticides.

Fort Worth, Tex.—WICHITA INDUSTRIAL MFG. CO., P. O. Box 307, 3463 W. Vickery Blvd. Batch mixers.

Mineral Wells, Tex.—NORWOOD MFG. CO., 100 Lincoln Ave. Manufactures "Texas Cyclone" vertical feed mixers and molasses or sweet feed mixers.

Milwaukee 1, Wis.—ALLIS-CHALMERS MFG. CO. Cracking and flaking rolls.

Milwaukee 46, Wis.—DINGS MAGNETIC SEPARATOR CO., 4740 W. Electric Ave. Manufactures magnetic separators and metal detectors.

Toronto, Ont., Canada—CANIMPEX AGRICULTURAL PRODUCTS & FEEDS, 49 Wellington St. E. Decomatic universal hulling and decorticating machine for hulling and processing soybeans. "Beka" impact grinding mill.

New York 7, N. Y.—AMERICAN AGRICULTURAL CHEMICAL CO., 50 Church St.

New York 20, N. Y.—AMERICAN CYANAMID CO., agricultural chemicals div., 30 Rockefeller Plaza.

New York 6, N. Y.—LARVACIDE PRODUCTS, INC., 117 Liberty St. Weed killers.

INOCULANTS

Chicago 90, Ill.—ALBERT DICKINSON CO., Box 788. "Nodogen" inoculant.

Quincy, Ill.—KALO INOCULANT CO. Legume inoculants "Kalo," "Uni-Culture," private brands.

Urbana, Ill.—HANSEN INOCULATOR CO., 808 N. Lincoln Ave. "Hansen's Inoculator."

Urbana, Ill.—URBANA LABORATORIES, 406 N. Lincoln. "Urbana Culture" and "Urbana Humus Inoculator" for all legume seeds.

Columbus 12, Ohio—AGRICULTURAL LABORATORIES, INC., 1145 Chesapeake Ave. "Legume-Aid," the inoculant in the carton.

Clemson, S. C.—SOUTHERN INOCULATION LABORATORY, 103 Hilcrest. Producer of inoculation for legume seeds.

Fort Atkinson, Wis.—NATIONAL AGRICULTURAL SUPPLY CO.

Milwaukee 9, Wis.—NITRAGIN CO., INC., 3279 W. Custer Ave. "Nitrugin Seed" inoculation.

LABORATORY EQUIPMENT

Alhambra, Calif.—MOISTURE REGISTER CO., 1510 W. Chestnut St. Electronic moisture-testing instruments.

Fullerton, Calif.—BECKMAN INSTRUMENTS, INC., 2500 Fullerton Rd. "Beckman Automatic Titrator" for titrations in chemical laboratory; "Beckman pH Meters" for hydrogen-ion determinations; "Beckman Spectrophotometers" for chemical analysis of soybean oil; "Beckman Aquameter" for moisture determination.

Chicago 13, Ill.—CENTRAL SCIENTIFIC CO., 1700 Irving Park Rd. Branches at Boston, Tulsa, Birmingham, Houston, Mountinside, N. J., Santa Clara, Los Angeles, Toronto, Vancouver and Montreal. Instruments for laboratory testing of soybeans and derivatives.

Chicago 47, Ill.—PRECISION SCIENTIFIC CO., 3737 W. Cortland. Kjeldahl apparatus, crude fibre digestion, extraction; "Freas" and "Thelco" laboratory ovens; water stills; "Pensky-Martins" flash tester.



you can use
LEGUME-AID DRY
just as it comes
from the carton!

How much inoculant is enough? That's the crux of the "wet vs. dry inoculation" question.

The manufacturers of LEGUME-AID recognize that more inoculant is bound to stick to wet seed. However, in test after test under normal planting conditions, the amount of DRY LEGUME-AID retained by seed was more than enough to insure good growth of nitrogen-fixing nodules.

Wet inoculation actually coats seeds with more bacteria than needed, hence could be considered wasteful. It's like spraying flies with a 10% DDT solution to kill them deader than a 5% spray!

LEGUME-AID is gaining ever-wider acceptance as the handy DRY inoculant you can sift direct from carton into drill or planter box with no wetting, no messy mixing. Actually, DRY is only a relative term, since our plastic package liner keeps LEGUME-AID just moist enough for good retention and maintains the live bacteria in top condition. It's also beneficial, in extremely dry-ground, to moisten the seed.

Yes, you can use LEGUME-AID as it comes from the carton and be sure of good results.

**LEGUME-AID IS A PRODUCT OF:
AGRICULTURAL LABORATORIES, INC.**
1147 Chesapeake Ave., Columbus 12, Ohio

LABORATORY EQUIPMENT—

(Continued)

Chicago 6, Ill.—SEEDBURO EQUIPMENT CO., 794 Converse Bldg.

Chicago 51, Ill.—WILKENS-ANDERSON CO., 4525 W. Division St. 6B Coleman Spectrophotometer and pH meters.

Evanston, Ill.—BURROWS EQUIPMENT CO., 1316-7 Sherman Ave.

Kansas City, Mo. — LABORATORY CONSTRUCTION CO., 1113 Holmes St. Specialized laboratory apparatus for the soybean industry.

Clifton, N. J.—TORSION BALANCE CO., 35 Monhegan St. Laboratory and analytical balances and scales used in research laboratories and production control laboratories.

Tulsa, Okla.—REFINERY SUPPLY CO., 621-623 E. 4th St. Manufacturer and supplier of scientific equipment. "R. S." cottonseed oil sampler; A. O. C. S. official oil trier.

Oreland, Pa.—ACME COPPERSMITHING & MACHINE CO. Laboratory extractors.

Brookings, S. Dak.—E. L. ERICKSON PRODUCTS. Special laboratory equipment.

MAN-LIFTS

San Francisco 7, Calif.—SHANZER MFG. CO., 85 Bluxome St. "Shanzer" belt-type man-lifts.

Evanston, Ill.—BURROWS EQUIPMENT CO., 1316-7 Sherman Ave.

Peoria, Ill.—PAUL J. HAGERTY EQUIPMENT CO., 800 S. Adams St.

Cedar Rapids, Iowa—BARNARD & LEAS MFG CO., INC., 1200 12th St. S.W.

Enterprise, Kans.—J. B. EHRSAM & SONS MFG CO. Electric elevators and electric belt man-lifts.

Faribault, Minn.—HUMPHREY ELEVATOR CO. "Humphrey" man-lift belt elevator.

Minneapolis 13, Minn.—STRONG-SCOTT MFG. CO., 451 Taft St. N.E.

Sidney, Ohio—SIDNEY GRAIN MACHINERY CO., 424 N. Main St.

Memphis, Tenn.—DABNEY-HOOVER SUPPLY CO., 45 W. Virginia.

Memphis, Tenn.—LEWIS SUPPLY CO., 477 S. Main St.

MATERIAL HANDLING EQUIPMENT

Paragould, Ark.—WONDER STATE MFG. CO. Subsidiary of Bertig Co. Supplier of handling equipment.

Aurora, Ill.—FINCO, INC., 401-209 Hanks Ave. Sells complete line of material handling equipment.

Aurora, Ill.—STEPHENS-ADAMSON MFG. CO. Also offices in Los Angeles, St. Louis, New York and Chicago. Plants at Aurora, Los Angeles and Belleville, Ont. Bulk material handling equipment.

Bloomington, Ill.—R. C. EIKENBERRY CO., P. O. Box 146. Jobber of all material handling equipment.

Chicago 6, Ill.—SEEDBURO EQUIPMENT CO., 794 Converse Bldg.

Evanston, Ill.—BURROWS EQUIPMENT CO., 1316-7 Sherman Ave.

Cedar Rapids, Iowa—HAMMERMILLS INC., 325 C Ave. N.W. Subsidiary of Pettibone Muliken Corp.

Jackson, Mich.—McLAUGHLIN, WARD & CO., 409 S. 23rd St.

Beatrice, Nebr.—TOTE SYSTEM, INC., 700 S. 7th St. Affiliate of Beatrice Steel Tank Mfg. Co. "Tote System" bulk material handling equipment.

Belleville 9, N. J.—WALLACE & TIERNAN INC., 25 Main St. "Merchen" belt-type gravimetric scale feeders and meters for blending, inventory records, process yield records, quality control, bulk loading and unloading. Feeders adaptable for either continuous or batch operations.

Columbus 16, Ohio—JEFFREY MFG. CO., 799 N. 4th St.

Bangor, Pa.—GODSHALK SHEET METAL FABRICATORS, N. Main St. Materials handling equipment for the feed and grain trade.

Muncy, Pa.—SPOUT, WALDRON & CO., INC.

Philadelphia 29, Pa.—AMERICAN PULLEY CO., 4200 Wissahickon Ave.

Memphis, Tenn.—LEWIS SUPPLY CO., 477 S. Main St.

Fort Worth, Tex.—FORT WORTH STEEL & MACHINERY CO., 3600 McCart St. Offices in Chicago, St. Louis, Kansas City, Memphis, Jersey City, Atlanta, Shreveport, Houston, Oklahoma City, Denver, Los Angeles, San Francisco, Portland, Ore.

MATERIAL LEVEL INDICATORS

Detroit 15, Mich.—BIN-DICATOR CO., 13946 Kercheval Ave. "Bin-Dicator."

MISCELLANEOUS EQUIPMENT

Denver 17, Colo. — GATES RUBBER CO., 999 S. Broadway. Industrial hose, rubber-faced steel plate.

Chicago 5, Ill.—CRANE CO., 836 S. Michigan Ave. Complete line of valves, fittings, steam specialties, fabricated piping.

Chicago 44, Ill.—HARRINGTON & KING PERFORATING CO., 5655 Fillmore St. Manufacturer of perforated screens and other types of perforated material.

Chicago 50, Ill. — PRATER PULVERIZER CO., 1517-49 S. 55th Court. Rotary airlocks, permanent magnets.

Chicago 47, Ill.—SIGNODE STEEL STRAPPING CO., 2600 N. Western Ave., Dept. 113 SBB. Grain doors, retaining doors, retaining strips, strapping and accessories.

Evanston, Ill.—BURROWS EQUIPMENT CO., 1316-7 Sherman Ave.

Peoria, Ill.—PAUL J. HAGERTY EQUIPMENT CO., 800 S. Adams St. Spout magnets, wire rope and accessories.

Skokie, Ill. — POWERS REGULATOR CO., 3400 Oakton St. Temperature and humidity control systems for processing and space conditioning.

Springfield, Ill.—SPRINGFIELD BOILER CO., 1900 E. Capitol Ave. Boilers, steam generating units.

Cedar Rapids, Iowa—DIVINE ENGINEERING, INC., 315 7th Ave. S.E. Supplier.

Minneapolis, Minn. — R. R. HOWELL CO., 31st Ave. and S.E. 4th St. Magnets, head drives, motors.

Minneapolis 14, Minn.—JACOBSON MACHINE WORKS, 1094 10th Ave. S.E. Magnetic equipment.

St. Paul 8, Minn.—PAPER-CALMENSON & CO., County Rd. B. and Walnut St. Steel warehouse and fabricating.

MISCELLANEOUS EQUIPMENT—

(Continued)

St. Louis 3, Mo.—CENTURY ELECTRIC CO., 1806 Pine St. Offices in principal cities. Manufactures electric motors, generators, and selective speed power units.

St. Louis 12, Mo.—GEORGE P. DORRIS CO., INC., 6108 Clemens Ave. Shaft-mounted and base-type speed reducers.

Omaha 2, Nebr.—EATON METAL PRODUCTS CORP., 1301 Willis Ave. Also at Hutchinson, Kans. Fabricator of plate and sheet steel products.

Omaha, Nebr.—EDWARD J. HECK & SONS CO., 1102 Farnam St. Distributes mill machinery and supplies applicable to the soybean industry.

Trenton, N. J.—HAMILTON RUBBER MFG. CORP., P. O. Box 361. Rubber hose and sheet packing.

Brooklyn 17, N. Y.—INDUSTRIAL MARKING EQUIPMENT CO. INC., 454 Baltic St. Designs and manufactures conveyor line markers, printers for case numbering or dating, carton printers, multiwall bag printers, printing attachments for packaging machines.

Long Island City, N. Y.—MANHATTAN PERFORATED METAL CO., 43-17 37th St. Perforated metal and grilles.

Archbold, Ohio—KING-WYSE, INC. Electric motors.

Cleveland 7, Ohio—MARTINDALE ELECTRIC CO., 1327 Hird Ave. Manufactures industrial tools, supplies and safety equipment. Protective dust mask.

Springfield, Ohio—ROBBINS & MYERS, INC., 1345 Lagonda Ave. Also plants at Memphis, and Brantford, Ont. Hoists and cranes; motors—totally-enclosed, explosion-proof, all-weather polyphase.

Westerville, Ohio—J. W. HANCE MFG. CO. Grain valves and fittings, turn-heads, swivel spouts, 2 and 3-way valves and fittings, flexible grain pipe.

Youngstown 1, Ohio—REPUBLIC RUBBER DIV., Lee Tire & Rubber Co., Albert St. Steam, water and air hose; sheet and strip rubber packing; rubber specialties.

Oklahoma City, Okla.—ROSS MACHINE & MILL SUPPLY, INC., 12 N.E. 28th St. General mill supplies.

Carnegie, Pa.—RED JACKET CO., INC., 500 Bell Ave. Manufactures rubber valves for handling solids or bulk material.

Hatboro, Pa.—FISCHER & PORTER CO., 225 Warminster Rd. Complete process control instrumentation; chlorination equipment; water treatment systems; data reduction and automation systems; centralized control systems; industrial glass products.

Lancaster, Pa.—KEENER TAG MFG. CO., 427 W. Lemon St. Paper, cloth and fiber tag manufacturer. Shipping, production, informative and analysis tags.

Oreland, Pa.—ACME COPPERSMITHING & MACHINE CO. "Acme" multi-jet barometric condensers.

Brookings, S. Dak.—E. L. ERICKSON PRODUCTS. Plastic seed containers.

Memphis, Tenn.—DABNEY-HOOVER SUPPLY CO., 45 W. Virginia. Magnets, electric motors, gear reducers, spouting.

Memphis, Tenn.—J. E. DILWORTH CO., 730 S. 3rd, P. O. Box 2634. Also in Jackson, Miss., and Tuscaloosa, Ala. Industrial supply distributor of motors, reducers, electric controls and instruments; heavy hardware, pipe, valves and fittings.

Memphis, Tenn.—INDUSTRIAL ELECTRIC & SUPPLY CO., 710 N. Main St. Electrical equipment; motors—new and rebuilt.

Memphis, Tenn.—INDUSTRIAL SUPPLIES, INC., Poplar Ave. and River Front. Distributor of equipment and supplies for the soybean industry.

Memphis, Tenn.—LEWIS SUPPLY CO., 477 S. Main St. Steel warehouse and equipment and supplies for the grain industry.

Dallas, Tex.—BRIGGS-WEAVER MACHINERY CO., 5000 Harry Hines Blvd. Also at Fort Worth and Houston. Distributor of industrial machinery and supplies.

Fort Worth, Tex.—WELL MACHINERY & SUPPLY CO., INC., 1629 Main St. General industrial supplies and equipment.

Milwaukee, Wis.—ALLIS-CHALMERS MFG. CO. Motors, motor control drives, V-belts.

Milwaukee 46, Wis.—STEARNS MAGNETIC PRODUCTS, div. of Indiana Steel Products Co., 635 S. 28th St. All types of permanent and electro magnetic separators (spout magnetic drums, magnetic pulleys, plate magnets, suspending separation magnets).

PACKAGING MATERIALS

Bristol, Pa.—PATERSON PARCHMENT PAPER CO. Also plant at 1400 Kifer Rd., Sunnyvale, Calif. Branch offices in New York and Chicago. Manufacturer of genuine vegetable parchment. Plain and printed, rolls or sheets, for margarine, shortening and other products.

PELLET MACHINES

San Francisco 3, Calif.—CALIFORNIA PELLET MILL CO., 1800 Folsom St. Also at Crawfordsville, Ind.; North Kansas City 16, Mo.

Cedar Rapids, Iowa—J. C. KINTZ CO., 1737 B. Ave. N.E.

Owensboro, Ky.—ANGLO AMERICAN MILL CORP.

Minneapolis 13, Minn.—STRONG-SCOTT MFG. CO., 451 Taft St. N.E. Pellet mills.

Hoboken, N. J.—CONSOLIDATED PRODUCTS CO., INC., 52-54 Bloomfield St. Used pellet machines.

Muncy, Pa.—SPROUT, WALDRON & CO., INC.

POWER TRANSMISSION EQUIPMENT

Birmingham, Ala.—CONTINENTAL GIN CO., industrial div. Offices at Atlanta, Dallas, Mobile, Cleveland, Memphis, Knoxville and New York.

Aurora, Ill.—STEPHENS-ADAMSON MFG. CO. Also offices in Los Angeles, St. Louis, New York and Chicago. Plants at Aurora, Los Angeles and Belleville, Ont.

Chicago 1, Ill.—LINK-BELT CO. Also at Indianapolis, Philadelphia and Colmar, Pa., Atlanta, Houston, Minneapolis, San Francisco, Los Angeles, Seattle, Toronto. Chains, sprockets, bearings, couplings, speed reducers, gearmotors, variable speed drives, backstops, V-belt and chain drives, etc.

Decatur, Ill.—HUSS & SCHLIEPER, 714 N. Church St., P. O. Box 862.

Evanston, Ill.—BURROWS EQUIPMENT CO., 116-7 Sherman Ave.

Peoria, Ill.—PAUL J. HAGERTY EQUIPMENT CO., 800 S. Adams St. Roller chain and sprockets; motors and controls; moto-reducers; pulleys, bearings; takeups.

POWER TRANSMISSION EQUIPMENT—(Continued)

Mishawaka, Ind.—DODGE MFG. CORP. "Flex-idyne" dry-fluid drives and couplings; "Taper-Lock" bushed V-belt sheaves, sprockets, couplings (flexible, rigid and chain) and steel conveyor pulleys; "Torque-Arm" speed reducers; shaft collars; takeups; variable speed drives; Dodge-Timken roller bearing pillow blocks; SC and SCM ball bearing pillow blocks; split steel transmission pulleys.

Cedar Rapids, Iowa—DIVINE ENGINEERING, INC., 315 7th Ave. S.E. Supplier of motors, flexible couplings, speed reducers, sprockets, pulleys, bearings, take-ups.

Enterprise, Kans.—J. B. EHRSAM & SONS MFG. CO. Power transmission equipment including pulleys, gears, plain and anti-friction bearings, shafting, clutches, sprockets, pillow blocks, V-belt sheaves, flexible and rigid couplings.

Jackson, Mich.—McLAUGHLIN, WARD & CO., 409 S. 23rd St.

Minneapolis, Minn.—R. R. HOWELL CO., 31st Ave and S.E. 4th St. Power transmissions.

Minneapolis 13, Minn.—STRONG-SCOTT MFG. CO., 451 Taft St. N.E. V-belt drives.

St. Louis, Mo.—DESIGN MFG. & EQUIPMENT CO., 1025 N. 6th St. Motors, V-belts, sheaves, roller chain and sprockets, bearings.

Columbus 16, Ohio—JEFFREY MFG. CO., 799 N. 4th St.

Oklahoma City, Okla.—SOUTHWESTERN SUPPLY & MACHINE WORKS, 6 E. Chickasaw St.

Muncy, Pa.—SPROUT, WALDRON & CO., INC. Cast iron pulleys.

Philadelphia 29, Pa.—AMERICAN PULLEY CO., 4200 Wissahickon Ave. Screw conveyor reducers, speed reduction units, V-belt sheaves, V-belts, motor bases, adjustable-speed sheaves, steel split pulleys, conveyor pulleys, Hi-Torque motor pulleys.

Philadelphia 34, Pa.—PHILADELPHIA GEAR WORKS, INC., G St. below Erie Ave. Also operates Virginia Gear & Machine Co., Lynchburg, Va. All types of power transmission equipment including gears, speed reducers, valve controls, gearmotors, couplings, fluid mixers.

Philadelphia 32, Pa.—SKF INDUSTRIES, INC., Front St. and Erie Ave. Other plants at Hornell, N. Y.; Shippensburg and Altoona, Pa. Manufactures ball and roller bearings; pillow blocks; steel, stainless and bronze balls.

Memphis, Tenn.—DABNEY-HOOVER SUPPLY CO., 45 W. Virginia.

Memphis, Tenn.—LEWIS SUPPLY CO., 477 S. Main St. Distribution of industrial supplies.

Fort Worth, Tex.—FORT WORTH STEEL & MACHINERY CO., 3600 McCart St. Offices in Chicago, St. Louis, Kansas City, Memphis, Jersey City, Atlanta, Shreveport, Houston, Oklahoma City, Denver, Los Angeles, San Francisco, Portland, Ore. V-belt drives and roller chain sprockets.

PUMPS

Fresno, Calif.—VALLEY FOUNDRY & MACHINE WORKS, INC., 710-734 H. St. Pumps—centrifugal and rotary in stainless steel and bronze.

Stamford, Conn.—DORR-OLIVER INC. Pumps—centrifugal, vacuum, diaphragm, stainless steel.

Rockford, Ill.—GEO. D. ROPER CORP., pump div., 508 Blackhawk Park Ave. Rotary (gear-type) positive displacement pumps for transfer of soybean oil.

SOYBEAN BLUE BOOK

Cedar Falls, Iowa—VIKING PUMP CO. Rotary pumps for handling soybean oils and solvents.

Warren, Mass.—WARREN STEAM PUMP CO., INC., Bridges Ave. "Warren" and "Warren-Quimby" centrifugal, reciprocating and rotary-type pumping machinery.

Grand Rapids 9, Mich.—BLACKMER PUMP CO., INC. Rotary power pumps, rotary hand pumps. Piston hand pumps.

Minneapolis 13, Minn.—JEROME SIMER CO., 422 Stinson Blvd. Paddle Pumps, bronze or stainless steel, self-priming, oil or chemical transfer pumps.

Brooklyn 1, N. Y.—FOSTER PUMP WORKS, INC., 51-A Washington St. Soybean oil pumps, solvent pumps, foots pumps used in deodorizing, hydrogenating and fractionating processes.

Springfield, Ohio—ROBBINS & MYERS, INC., 1345 Lagonda Ave. Also plants at Memphis, and Brantford, Ont. Moyno "Progressive Cavity" pump.

Memphis, Tenn.—DABNEY-HOOVER SUPPLY CO., 45 W. Virginia.

Memphis, Tenn.—LEWIS SUPPLY CO., 477 S. Main St.

RESPIRATORS

Chicago 6, Ill.—SEEDBURO EQUIPMENT CO., 794 Converse Bldg.

Evanston, Ill.—BURROWS EQUIPMENT CO., 1316-7 Sherman Ave.

SEED PROTECTANTS

Naugatuck, Conn.—UNITED STATES RUBBER NAUGATUCK CHEMICAL DIV. "Phygon Seed Protectant," "Phygon Naugets," "Spergon," "Spergon-DDT," "Spergon-SL," "Spergon-DDT-SL," "Thiram-75W," "Thiram 50 dust."

Wilmington, Del.—E. I. du PONT de NEMOURS & CO., INC., Grasselli chemicals dept. Du Pont seed disinfectants.

Westerville, Ohio—J. W. HANCE MFG. CO. Seed treating equipment. (Fungus diseases.)

SIFTERS

Chicago 50, Ill.—B. F. GUMP CO., 1309 S. Cicero Ave.

Fort Scott, Kans.—NOR-VELL, INC., 402 E. 20th.

Malden, Mass.—NORAMGREX CO. INC., Pleasant St. Plant at 123 Lyme St. Manufactures sifters.

Minneapolis 13, Minn.—SCHUTZ-O'NEILL CO., 307 Portland Ave.

Silver Creek, N. Y.—S. HOWES CO., INC.

Cincinnati 12, Ohio—J. H. DAY CO., INC., 4932 Beech St. "Day" sifter and mixer, mixer agitators, "Day Roball" gyrating sifters.

Cincinnati 23, Ohio—ORVILLE SIMPSON CO., 1230 Knowlton St. "Rotex" screeners.

SOIL TESTING

Arlington, Calif.—T. W. PROSSER CO., P. O. Box 515. Manufactures "Irometer" soil-moisture indicator.

Urbana, Ill.—URBANA LABORATORIES, 406 N. Lincoln. Materials and supplies for testing soils for deficiencies in lime, phosphorus, potassium and nitrogen. Plant tissue tests for nitrogen, phosphates and potash.

South Sudbury, Mass.—SUDBURY LABORATORY, Dutton Road. Manufacturer and distributor of soil test kits.

SOIL TESTING—(Continued)

Cedar Grove, N. J.—INDUSTRIAL INSTRUMENTS INC., 89 Commerce Road. Manufactures soil moisture testing equipment and soil salinity and soil fertilizer testing equipment.

Portland 2, Ore. — RAYTURN MACHINE CORP., 8200 S.E. 7th Ave. Manufactures "Irrigage" soil moisture measuring equipment for use in controlling irrigation.

Fort Atkinson, Wis.—NATIONAL AGRICULTURAL SUPPLY CO. Soil testers and samplers; disease specimens and exhibits.

SOYBEAN STORAGE

ELEVATOR, PROCESSOR UNITS

Anniston, Ala. — KILBY STEEL CO., P. O. Box 1489. Storage bins.

Paragould, Ark.—WONDER STATE MFG. CO. Affiliate of Bertig Co. Supplier of bins, tanks and storage facilities.

Chicago 2, Ill.—WONDER BUILDING CORP. OF AMERICA, 30 N. LaSalle St. Manufacturing and sale of pre-engineered trussless steel buildings for storage, processing and manufacturing.

Kankakee, Ill.—A. O. SMITH CORP., P. O. Box 28. "Permaglas" storage units.

Maroa, Ill. — J. E. REESER CO. Concrete storage bins.

Des Moines 9, Iowa—CORN STATES HYBRID SERVICE, 1101 Walnut St.

Wichita 4, Kans. — ARK VALLEY MILL & ELEVATOR SERVICE, INC., 1927 N. Mosley. Butler steel tanks; concrete grain storage.

Minneapolis 13, Minn.—DAY CO., 810 3rd Ave. N.E. Concrete storage bins.

Minneapolis, Minn.—HOGENSON CONSTRUCTION CO., 722 Flour Exch. Designer and builder of soybean storage and processing plants.

Kansas City 26, Mo.—BLACK, SIVALLS & BRYSON, INC., 7500 E. 12th.

Kansas City 26, Mo.—BUTLER MFG. CO., 7400 E. 13th St. Bolted steel storage tanks.

Kansas City, Mo. — COLUMBIAN STEEL TANK CO., P. O. Box B-4226. Bolted steel grain elevator tanks.

Kansas City, Mo.—MIDWEST STEEL PRODUCTS CO., Railway Exch. Bldg. Bolted storage, elevator-type bins.

Omaha 2, Nebr.—EATON METAL PRODUCTS CORP., 1301 Willis Ave. Also Kansas div. at Hutchinson. Special bean and oil storage tanks for processing plant.

Omaha, Nebr. — TILLOTSON CONTRACTING CO., Box 613. Mill and elevator construction.

New York 20, N. Y.—NICHOLSON CO., INC., 10 Rockefeller Plaza. Bulk storage and handling equipment construction. Reinforced concrete storage bins.

New York, N. Y.—R. C. STANHOPE, INC., 60 E. 42nd St. Steel storage tanks.

Camden, Ohio—NEFF & FRY CO. Concrete stave bins.

Marietta, Ohio — MARIETTA CONCRETE CORP., Box 356, Westview. Also Race Road and Pulaski Highway, Baltimore, Md.; Box 2268, Hollywood, Fla.; 411 Foster St., Nashville, Tenn.; Box 237, Falconer, N. Y.; Box 5192, Charlotte, N. C. Grain tanks, "Air-Cell" reinforced concrete stave grain tanks.

Massillon, Ohio—MICHIGAN SILO CO., Cherry Rd. N.W. Affiliate of Concrete Silo Co., Bloomfield, Ind. Concrete stave storage bins.

Sidney, Ohio—SHELBY MFG. CO., P. O. Box 499. Storage bins.

Springfield, Ohio—ROSS EQUIPMENT CO., 1200 Warder St. Affiliate of William Bayley Co. Bolted steel grain storage tanks, hopper bottoms, metal fabrication.

Tulsa, Okla. — NATIONAL TANK CO., Drawer 1710. Bolted steel tanks.

Muncy, Pa.—SPROUT, WALDRON & CO., INC. Distributor for commercial "Permaglas" storage tanks for soybean oil meal storage.

Chattanooga, Tenn.—CHATTANOOGA BOILER & TANK CO., 1011 E. Main St. Storage tanks—ground level or elevated, pressure or gravity type, carbon steel, stainless or aluminum; bins, chutes, hoppers; miscellaneous steel fabrication.

Memphis, Tenn.—DABNEY-HOOVER SUPPLY CO., 45 W. Virginia. Steel grain tanks.

Memphis, Tenn.—J. E. DILWORTH CO., 730 S. 3rd, P. O. Box 2834. Also plant at Jackson, Miss., and Tuscaloosa, Ala. Storage bins.

Memphis 2, Tenn.—LEWIS-DIESEL ENGINE CO., Box 2828, DeSoto Sta., 92 W. Carolina Ave. Soybean receiving and shipping plants complete.

Memphis 12, Tenn. — MEMPHIS CONCRETE SILO CO., 2677 Princeton Ave.

Memphis, Tenn.—METAL BUILDINGS CO., INC., 3631 Jackson Ave. Distributor of steel grain storage buildings and equipment. Complete grain storage engineering services.

FARM UNITS

Sarasota, Fla.—SEABOARD STEEL CORP., 4521 S. Tamiami Trail. Distributor, new and used steel storage tanks and bins.

Evanston, Ill.—BURROWS EQUIPMENT CO., 1316-7 Sherman Ave. Storage bins.

Kankakee, Ill.—A. O. SMITH CORP., P. O. Box 28. "Harvestore."

Onawa, Iowa—GREEN GABLE DIVISION, Honeggers & Co., Inc. Prefabricated wooden grain bins.

Detroit 29, Mich. — STRAN-STEEL CORP., Ecorse. "Stran-Steel" all-steel, arch-rib quonset buildings for soybean storage and other uses.

Minneapolis 1, Minn.—LINDSAY BROS. CO., 400 N. 1st St. Also at Des Moines, Omaha, Sioux Falls and Fargo. Wholesale distributor, "Lindsay Husky Giant" grain bins.

Independence, Mo.—CURRY STEEL PRODUCTS CO., 417 S. Spring St. Galvanized steel grain bins.

Kansas City 26, Mo.—BLACK, SIVALLS & BRYSON, INC., 7500 E. 12th. Bolted steel grain storage tanks, "Perfection" grain storage bins and grain drying equipment.

Kansas City 26, Mo.—BUTLER MFG. CO., 7400 E. 13th St. Farm grain bins, aeration and drying equipment.

Kansas City, Mo. — COLUMBIAN STEEL TANK CO., P. O. Box B-4226. Steel grain bins for farm storage.

Kansas City, Mo.—MIDWEST STEEL PRODUCTS CO., Railway Exch. Bldg. Grain storage bins.

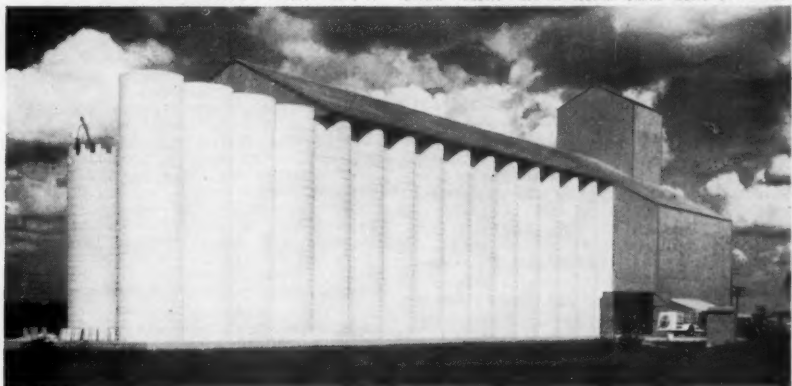
Omaha 2, Nebr.—EATON METAL PRODUCTS CORP., 1301 Willis Ave. Also Kansas div., Hutchinson, Kans. Steel grain bins for farm storage.

New York, N. Y.—R. C. STANHOPE, INC., 60 E. 42nd St. Farm storage bins.

Mansfield, Ohio—MARTIN STEEL PRODUCTS CORP., Longview Ave. Steel bolted grain tanks, grain bins, silos, haymakers, drying bins, corn cribs, utility and machinery buildings.

MEMPHIS Concrete Stave Grain Bins

**Manufacturers and
Construction Contractors
Of Concrete Stave
Storage Structures**



Biggest Builders in the South — and Southwest

Throughout the South and Southwest we have built more concrete stave storage structures than any other firm in our field. And for the past 10 years, 40-percent of our annual business has come from those who already own one or more of our structures. Such satisfaction in our service is probably unmatched in the field of grain bins construction. From the moment we undertake a new job until the final stave is in place, the responsibility of quality in

materials and dependable workmanship is squarely upon our shoulders. Let us figure on your storage requirements. We can save you up to 20-percent on the cost as compared to other types of construction and materials. Furthermore, the finished bins will more than fulfill ALL REQUIREMENTS for the safe and economical storage of beans.

WRITE FOR CATALOG

Our catalog is a folio of pictures showing many of the fine storage structures we have built for well known firm and individuals throughout the South and Southwest. A copy will be sent upon request—and without obligation.

MEMPHIS CONCRETE SILO CO.

2677 Princeton, Memphis, Tenn.

or TEXAS CONCRETE SILO CO.

Eagle Lake, Texas

SOYBEAN BLUE BOOK



SOYBEAN STORAGE— (Continued)

Oklahoma City, Okla.—BOARDMAN CO., 1401 S.W. 11th St. Farm storage bins.

Sioux Falls, S. Dak.—SIOUX STEEL CO. "Sioux" steel grain bins and "Sioux" steel buildings.

Memphis 12, Tenn. — MEMPHIS CONCRETE SILO CO., 2677 Princeton Ave. Heavy duty grain bins.

Memphis, Tenn.—PIDGEON-THOMAS IRON CO., E. H. Crump Blvd. and S. Main St. Steel fabricating, bins, tanks, structures.

SPRAYING EQUIPMENT

Emeryville 8, Calif.—BESLER CORP., 4053 Harlan St. Also Davenport Besler Corp., Davenport, Iowa. "Bes-Kil" aerosol concentrate sprayer.

Aurora, Ill.—FINCO, INC., 401-209 Hankes Ave. Spraying equipment. Self-propelled high-clearance sprayers.

Bellwood, Ill.—SPRAYING SYSTEMS CO., 3201 Randolph St. "Teejet" nozzles and accessories for spraying of herbicides, insecticides, defoliant and liquid fertilizers.

Chicago, Ill.—ROOT-LOWELL CORP., 445 N. Lake Shore Dr. Plant at Lowell, Mich. Sprayers and dusters.

Chicago 6, Ill.—SEEDBURO EQUIPMENT CO., 794 Converse Bldg.

Cedar Rapids, Iowa—CENTURY ENGINEERING CORP., 401 3rd St. Farm sprayers.

Waterloo, Iowa—DOBBINS DIVISION, Chamberlain Corp. Hand and power agricultural sprayers and dusters.

Dodge City, Kans.—MAYRATH, INC., E. Trail St. Also at Compton and Monmouth, Ill. Crop sprayers.

Neodesha, Kans.—AIROSPRAYER CO., P. O. Box 269. Manufacturer of power and hand "Airosprayer."

Detroit 11, Mich.—CHAMPION SPRAYER CO., 6509 Heintz Ave. "Champion" sprayers and dusters for applying insecticides and fungicides for weed and insect control and defoliant. Parts and accessories.

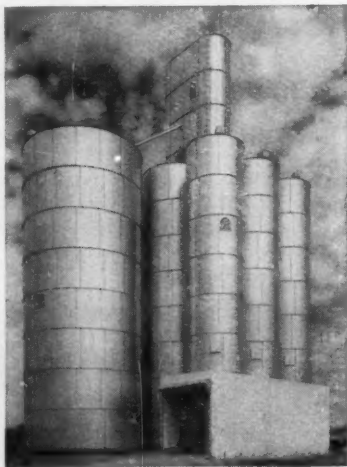
Hudson, Mich.—HARDIE MFG. CO. Also at Los Angeles and Portland. Tractor or engine-powered spraying equipment for insect and weed control. Dusters—tractor driven. Rain control portable irrigation equipment.

Minneapolis 11, Minn.—O. W. KROMER CO., 1120 Emerson Ave. N. Sprayer manufacturer.

Dakota City, Nebr.—THE BROYHILL CO. Field sprayers for applying herbicides, insecticides, fungicides and liquid fertilizer. Planter, cultivator, tractor, trailer and jeep attached types—pre-emergence or post-emergence; sub-surface fertilizer injectors; farm wagon hoists; aluminum, steel and rubber-lined tanks.

Gowanda, N. Y.—BUFFALO TURBINE AGRICULTURAL EQUIPMENT CO., INC. Mist sprayer-duster. Concentrate air blast sprayers and dusters.

Middleport, N. Y.—NIAGARA CHEMICAL DIV., Food Machinery & Chemical Corp. Also plants at Harlingen, Tex.; Wyoming, Ill.; Richmond, Calif.; Jacksonville, Fla. Affiliate of Food & Machinery Corp., San Jose, Calif. Crop dusting machinery.



Columbian Steel Storage Tanks

- less condensation ● less sweating
- lower insurance

Besides all these principal features, Columbian Bolted Steel Tanks are fireproof . . . they never crack or crumble . . . no caulking or patching is required. Minimum maintenance demands only an occasional coat of paint. How long will they last . . . no one knows . . . none has ever worn out. Not one has been demolished by tornado or cyclone. Ideal for the safe, efficient storage of all small grains, they are perfect for the economical handling of wheat, corn, oats, barley, soya beans etc.

Furnished in single units or batteries. Delivered knocked down or completely erected. Write for your FREE copy of eight-page folder illustrating and describing these popular bolted steel grain elevators.

Member, Grain and Feed Dealers National Association
Member, American Dehydrators Association

COLUMBIAN STEEL TANK COMPANY

1509 West 12th Street

Kansas City 1, Missouri

SPRAYING EQUIPMENT—

(Continued)

Ashland, Ohio—F. E. MYERS & BRO. CO. Complete line of engine-driven and power take-off trailer-type power sprayers. Front and rear mounted tractor sprayers. Row crop concentrate sprayers and attachments.

Cleveland 13, Ohio—ENGINE PARTS MFG. CO., 1360 W. 9th St. Boom sprayers for tractor and trailer; hand-type "Yellow Devil" sprayers; "Euparco" pumps.

York, Pa.—OLIVER CORP., 142 N. Duke St. "Iron Age" row crop and weed sprayers.

Beloit, Wis.—HANSON EQUIPMENT CO., 301 Charles St. Tractor-mounted chemical sprayers, PTO pump kits, engine-driven spraying units, carriers and transports.

THERMOMETERS

Atlanta 1, Ga.—A. A. WOOD & SONS CO., 436 Magnolia St. N.W. Manufactures thermometers used in checking heat of stored or piled beans and meal.

Chicago 6, Ill.—ZELENY THERMOMETER SYSTEM, 612-614 W. Monroe St. Thermometer system for taking temperature of soybeans or grains in storage.

Skokie, Ill.—POWERS REGULATOR CO., 3400 Oakton St. Temperature and humidity control systems for processing and space conditioning.

Des Moines 9, Iowa—HOT SPOT DETECTOR, INC., 214 3rd St. Manufactures and installs "Hot Spot" detector systems for measuring temperatures in grain storage bins, including portable and electronic units, automatic scanning and automatic recording measuring systems.

St. Paul 1, Minn.—PTC CABLE CO., 200-203 Anchor Bldg. Temperature indicating systems custom-designed for every size and shape storage facility. New PTC grain temperature reading console.

Memphis, Tenn.—LEWIS SUPPLY CO., 477 S. Main St.

TRANSPORTATION EQUIPMENT

Chicago 90, Ill.—GENERAL AMERICAN TRANSPORTATION CORP., 135 S. La Salle St. "Airlide" cars designed for transportation of dry, granular or powdered commodities.

Chicago 4, Ill.—KEITH RAILWAY EQUIPMENT CO. (Keith Tank Line), 332 S. Michigan Ave. Also 681 Market St., San Francisco, and Longview, Tex. Owner and operator of tank cars to transport soybean oil.

Cedar Rapids, Iowa—HIGHWAY EQUIPMENT CO., INC., 616 D Ave. N.W. "New Leader Bulkmaster" bulk feed delivery bodies, transports, and commercial fertilizer and lime spreaders.

TRUCK LIFTS

Aurora, Ill.—FINCO, INC., 401-209 Hanks Ave. Wagon and truck hoists.

Chicago 6, Ill.—SEEDBURO EQUIPMENT CO., 794 Converse Bldg.

Evanston, Ill.—BURROWS EQUIPMENT CO., 1316-7 Sherman Ave.

Peoria, Ill.—PAUL J. HAGERTY EQUIPMENT CO., 800 S. Adams St.

Hammond, Ind.—SCREW CONVEYOR CORP., 757 Hoffman St. "Kewanee" hydraulic truck dumpers and overhead lifts.

Cedar Rapids, Iowa—J. C. KINTZ CO., 1737 B Ave. N.E.

Hull, Iowa—KOOKER MFG. CO. Twin and single cylinder hoists.

Pella, Iowa—BUERKENS CORP., P. O. Box 158. Manufactures hydraulic underbody dump hoists.

Enterprise, Kans.—J. B. EHRSAM & SONS MFG. CO. Truck hoists; semi-trailer platform dumps.

Minneapolis 14, Minn.—AIR-O-FLEX EQUIPMENT CO., INC., 3030 E. Hennepin Ave. Manufactures a complete line of pneumatically and hydraulically powered truck lifts and grain dumpers for country and terminal elevators.

Minneapolis, Minn.—R. R. HOWELL CO., 31st Ave and S.E. 4th St. Truck dumps.

Kansas City, Mo.—GENERAL MILL EQUIPMENT CO., 2021 Pennsylvania Ave.

Omaha, Nebr.—BENDER HOIST MFG. CO., 4103 S. 67th St. Manufacturer of "Bender" overhead electric truck lift and elevator equipment.

Sidney, Ohio—SIDNEY GRAIN MACHINERY CO., 424 N. Main St. Truck dumps.

Springfield, Ohio—DUPLEX MILL & MFG. CO. Truck hoists.

Portland 8, Ore.—HYSTER CO., 2902-78 N. E. Clackamas St. Also plants in Peoria and Danville, Ill., and Nijmegen, the Netherlands. Manufactures fork lift trucks, mobile cranes, straddle carriers, horizontal transporting units.

Memphis, Tenn.—DABNEY-HOOVER SUPPLY CO., 45 W. Virginia.

Memphis, Tenn.—LEWIS SUPPLY CO., 477 S. Main St.

Fort Worth, Tex.—INDUSTRIAL MACHINERY CO., INC., 2400 S. Main.

JONES-HETTELSATER CONSTRUCTION CO.

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Little Rock, Ark.—HUBERT PHELPS MACHINERY CO., 1700 E. 9th St. Pneumatic unloaders for trucks or boxcars.

Chicago 1, Ill.—LINK-BELT CO. Also at Indianapolis, Philadelphia and Colmar, Pa., Atlanta, Houston, Minneapolis, San Francisco, Los Angeles, Seattle, Toronto, R. R. car unloaders and hydraulic truck dumpers for handling soybeans, grain, etc.

Evanston, Ill.—BURROWS EQUIPMENT CO., 1316-7 Sherman Ave.

Skokie, Ill.—BRADY CONVEYORS CORP., 4344 Dempster St. Pneumatic car unloaders.

Pella, Iowa—BUERKENS CORP., P. O. Box 158. Manufactures hydraulic unloaders, false end gate type.

Memphis, Tenn.—LEWIS SUPPLY CO., 477 S. Main St.

WATERPROOFING

Huntington, Ind.—HUNTINGTON LABORATORIES, INC. "Texture-San."

Des Moines 9, Iowa—TUFECRETE CO., INC., 519 Teachout Bldg. "Tuftite" for below grade, from inside of building; "Tufseal" above grade, from outside of building.

Hutchinson, Kans.—SUPPLY SERVICE, INC., 528 S. Main St. "Binkote," developed especially for grain elevators.

St. Louis 1, Mo.—WESTERN WATERPROOFING CO., Syndicate Trust Bldg. "Resto-Crete" system of weatherproofing, waterproofing, concrete restoration, tuck-pointing, building-cleaning. Engineers and contractors.

Cleveland 13, Ohio—HALLEMITTE MFG. CO., 2446 W. 25th St. "Halcoloid" asphalt base cold process roof coating for various types of roofs. Invisible waterproofing for sealing exterior masonry walls against moisture penetration.

Cleveland 13, Ohio—A. C. HORN CORP., contracting div., 310 Lakeside Ave. N.W. Also at Long Island City 1, N. Y.; Minneapolis 7. Repairing and waterproofing concrete of existing grain elevators.

Cleveland 12, Ohio—UNITED LABORATORIES, INC., 16801 Euclid Ave. Roofing, weatherproofing, flooring, rust inhibitors, ice removing chemicals.

WEIGHING AND PACKAGING EQUIPMENT

Aurora, Ill.—FINCO, INC., 401-209 Hanks Ave. Automatic baggers.

Chicago 9, Ill.—THE ALLBRIGHT-NELL CO., 5323 S. Western Blvd. Filling equipment—lard and shortening.

Chicago 50, Ill.—B. F. GUMP CO., 1309 S. Cicero Ave. Automatic weighers.

Chicago 6, Ill.—SEEDBURO EQUIPMENT CO., 794 Converse Bldg. Scales.

Evanston, Ill.—BURROWS EQUIPMENT CO., 1316-7 Sherman Ave.

Hoopeston, Ill.—FOOD MACHINERY & CHEMICAL CORP., canning machinery div. Labelers, boxers and filling machines—liquid, oil, viscous.

Anderson, Ind.—LYNCH CORP. "Morpac" combined print forming, wrapping and cartoning machines for margarine.

Terre Haute, Ind.—WINSLOW GOVERNMENT STANDARD SCALE WORKS, INC., 25th and Haythorne Ave. Motor truck scales, platform type; floor type or warehouse scales; grain hopper scales; batching scales of multiple beam type.

Cedar Rapids, Iowa—BARNARD & LEAS MFG. CO., INC., 1200 12th St. S.W. All electric and line-shaft driven auger packers.

Cedar Rapids, Iowa—J. C. KINTZ CO., 1737 B Ave. N.E. Bag scales.

Pembroke, Mass.—THAYER SCALE & ENGINEERING CORP. Manufactures packaging scales, process scales, checkweighers, batchers, continuous weighing feeders.

Quincy 71, Mass.—PNEUMATIC SCALE CORP., LTD., 65 Newport Ave. Automatic packaging and bottling machinery.

Rosindale 31, Mass.—NATIONAL PACKAGING MACHINERY DIV., U. S. Automatic Box Machinery Co., Inc., 23 Aboretum Rd. Packaging machinery.

Minneapolis, Minn.—R. R. HOWELL CO., 31st Ave and S.E. 4th St. Scales.

Kansas City 8, Mo.—AMERICAN SCALE & VISE CO., div. of Cromb & Gagel, Inc., 2745 Southwest Blvd. Plant at Pleasant Hill. Portable platform and truck scales; vises.

Webb City, Mo.—WEBB CORP., 402 Broadway. Manufactures truck and warehouse scales; railroad track scales; batching scales.

Clifton, N. J.—RICHARDSON SCALE CO., 668 Van Houten Ave. Automatic weighing, sacking and proportioning equipment.

Hoboken, N. J.—CONSOLIDATED PRODUCTS CO., INC., 52-54 Bloomfield St. Used labelers, filling machines, packaging, bottling and wrapping machines.

Brooklyn, N. Y.—DETECTO SCALES, INC., 540 Park Ave. Manufactures retail store and industrial scales.

Buffalo, N. Y.—BUFFALO SCALE CO., INC., 46 Letchworth St. Manufactures industrial scales; automatic batching scales.

New York 13, N. Y.—AUTOMATIC SCALE CO., INC., 180 Lafayette St. Also Hanncon Machine Co. Automatic weighing and bagging machinery.

New York 17, N. Y.—INTERNATIONAL PAPER CO., bagpak div., 220 E. 42nd St. Plants at Camden, Ark., Mobile, Ala., and Bastrop, La. Bag filling, weighing and closing machinery.

Silver Creek, N. Y.—S. HOWES CO., INC. Batching scales and weighers.

Cincinnati, Ohio—KARL KIEFER MACHINE CO., 919 Martin St. Equipment for cleaning, filling, closing, and conveying containers used in packaging of liquid and viscous materials.

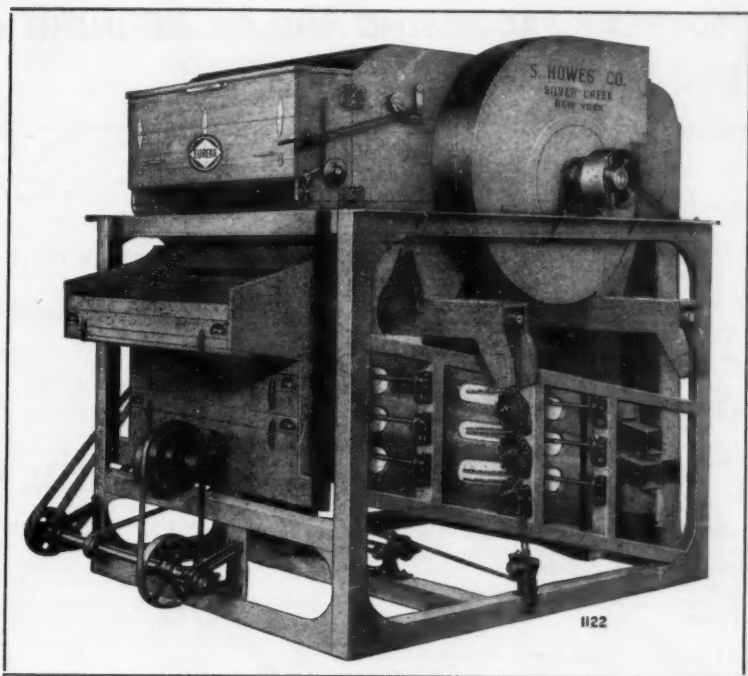
Columbus 7, Ohio—BONDED SCALE & MACHINE CO., 74 Kingston Ave. Motor truck and industrial scales, stationary and portable models.

Columbus 8, Ohio—EXACT WEIGHT SCALE CO., 971 W. 5th Ave. Also Dept. AM, 5 Six Points Rd., Islington, P. O. Box 179, Postal Station 3, Toronto 18, Ontario. Sacking scales; predetermined weight scales for packaging, automatic filling and checkweighing.

Sidney, Ohio—SIDNEY GRAIN MACHINERY CO., 424 N. Main St. Scales.

Pittsburgh 4, Pa.—HORIX MFG. CO., Greenway Dr. Liquid fillers.

Rutland, Vt.—HOWE SCALE CO., INC. Scales.



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CLEANERS: The most efficient, high-capacity receiving separators for elevators, mills, terminals, and processing plants. Provides the **CLEANEST** grains, seeds, and soybeans. 15 sizes . . . 30 to 3,500 bu. per hour.

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SILVER CREEK, N. Y.

SOYBEAN PROCESSING AND OIL REFINING EQUIPMENT AND SUPPLIES

BLEACHING AND FILTERING EQUIPMENT

Fresno, Calif. — VALLEY FOUNDRY & MACHINE WORKS, INC. 2718 East Ave. Filter presses.

Los Angeles 17, Calif.—DICALITE DIVISION, Great Lakes Carbon Corp., 612 S. Flower St. Other offices at 333 N. Michigan Ave., Chicago 1, Ill.; 18 E. 48th St., New York 17, N. Y. Manufactures diatomaceous earth filteraids for filtration of soybean oil or any other liquid or liquor concerned in processing soy products.

Los Angeles 23, Calif.—FILTROL CORP., 3250 E. Washington Blvd. Plants at Vernon, Calif.; Jackson, Miss.; Salt Lake City, Utah. Activated adsorbents, decolorizing adsorbents, desiccants, activated bleaching clays, activated bleaching earths. Alumina for dehydration.

New Haven 14, Conn.—NATIONAL FILTER MEDIA CORP. Office, 2627 W. 19th St., Chicago 8. Also plant in Salt Lake City. Weaver of filter media—natural and synthetic fibers—cotton, nylon, orlon, dacron, saran, glass, etc. Also filter paper.

Stamford, Conn. — DORR-OLIVER INC. Continuous vacuum and pressure filters.

Wilmington, Del. — ATLAS POWDER CO. "Darco" activated carbons, "Atlas Powder Co." purifying.

Batavia, Ill.—D. R. SPERRY & CO. Filter cloths, filter presses.

Chicago 16, Ill.—FILPACO INDUSTRIES, INC. 2421 S. Michigan Ave. Filters, filter presses

Chicago 16, Ill.—FILTER PAPER CO., 2421 S. Michigan Ave. Filter cloths and bags, filter papers, asbestos pads, filter aids.

Chicago 15, Ill.—WURSTER & SANGER, INC., 1337 E. 52nd St. Bleaching installations.

East Moline, Ill.—NIAGARA FILTERS DIV., American Machine & Metals, Inc. Filters; filter papers, cloths; filter presses.

Evanston Ill.—BURROWS EQUIPMENT CO., 1316-7 Sherman Ave. Filter papers, cloths.

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BLEACHING AND FILTERING EQUIPMENT—(Continued)

Mundelein, Ill. — SPARKLER MFG. CO.
"Sparkler" semi-automatic, heavy-duty, vertical
and horizontal plate filters.

Cedar Rapids, Iowa—J. C. KINTZ CO., 1737 B
Ave. N.E. Filter papers, cloths.

Louisville 1, Ky.—GIRDLER CO. Continuous
vacuum bleaching plants.

South Walpole, Mass.—BIRD MACHINE CO.
Pressure filters, vacuum filters.

Berlin, N. H. — BROWN CO., 650 Main St.
Manufactures "Solka-Floc" a highly purified
wood cellulose—an efficient filteraid.

Harrison, N. J.—T. SHRIVER & CO., INC.
Filter presses and diaphragm pumps.

Hoboken, N. J. — CONSOLIDATED PROD-
UCTS CO., INC., 52-54 Bloomfield St. Used
vacuum and pressure filters; used filter presses,
all sizes.

Plainfield, N. J.—ALAN PORTER LEE AS-
SOCIATES, Saw Mill Rd., Rt. No. 3. Bleaching
installations.

New York 7, N. Y. — H. REEVE ANGEL &
CO., INC., 52 Duane St. Filter paper for use
in laboratory and plant.

New York 16, N. Y.—ALBERT GODDE,
BEDIN, INC., 437 5th Ave. Plant at Depew.
Manufactures silk bolting cloth; nylon, orlon,
and dacron filter fabrics.

New York 17, N. Y. — INNIS SPEIDEN CO.
div. Berkshire Chemicals Inc., 420 Lexington
Ave. Activated and inactivated decolorizing clay.

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E-D FILTER PAPER makes an
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other filter media. Provides
greater clarity and prolongs
life of media.

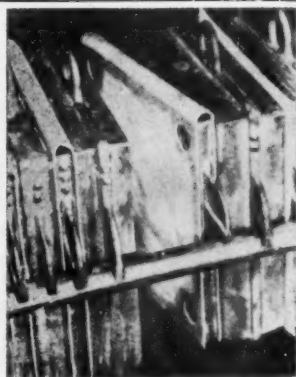
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- ... your business is extraction and
processing. Ours is helping you do it
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Solvent Extraction Bags — Also Felt, Cotton or Synthetic Dust Collector Bags
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Incorporated

Cleveland 14, Ohio

Plants: Cleveland, Ohio — Goshen, Indiana

BLEACHING AND FILTERING EQUIPMENT—(Continued)

New York 16, N. Y.—JOHNS-MANVILLE, 22 E. 40th St. Celite (diatomaceous earth). Filter aids.

New York 38, N. Y.—L. A. SALOMON & BRO., 216 Pearl St. Bleaching agents, filter aids.

New York 6, N. Y.—FOSTER WHEELER CORP., 165 Broadway.

Cincinnati 12, Ohio—OLSON FILTRATION ENGINEERS, div. American Laundry Machinery Co., 5024 Section Ave.

Cleveland 14, Ohio—FILTER FABRICS INC., 1520 E. 17th St. Filter cloths for plate and frame presses. Filter blankets. Filter bags for solvent extraction process. Gauze and straining materials. Filter papers and discs.

Filtertown, Mt. Holly Springs, Pa.—THE EATON-DIKEMAN CO. Manufacturer of filter papers.

Oreland, Pa.—ACME COPPERSMITHING & MACHINE CO. Air filters.

Pittsburgh, Pa.—BLAW-KNOX CO., chemical plants div. Also Chicago 1, Ill. Bleaching and filtering.

Nacogdoches, Tex.—BENNETT-CLARK CO., INC., P. O. Box 951. Bleaching and filtering clays.

CATALYSTS

Los Angeles 23, Calif.—FILTROL CORP., 3250 E. Washington Blvd. Plants at Vernon, Calif.; Jackson, Miss.; Salt Lake City, Utah. Cracking catalysts. Powder and pelleted alumina for catalyst base.

New York, N. Y.—E. F. DREW & CO., INC., 15 E. 26th St. Plant at Boonton, N. J.

New York 38, N. Y.—L. A. SALOMON & BRO., 216 Pearl St. Alkylation, splitting, reforming, and dehydrating catalysts in powder and pellets. Activated carbon.

Cleveland 6, Ohio—HARSHAW CHEMICAL CO., 1945 E. 97th St.

Chattanooga, Tenn.—RANEY CATALYST CO., 718 Hamilton National Bank Bldg.

COMPLETE PLANTS

Atlanta, Ga.—DAVIDSON-KENNEDY CO., 1090 Jefferson St. N. W., P. O. Box 97, Sta. D. Solvent extraction plants complete. Engineers and constructors.

Chicago 15, Ill.—WURSTER & SANGER, INC., 1337 E. 52nd St. Designs and constructs continuous solvent extraction, degumming, neutralization, bleaching, hydrogenation, deodorization, shortening, margarine, fatty acid distillation, fat splitting, soap and glycerine equipment.

Louisville 1, Ky.—GIRDLER CO., Votator div., 224 E. Broadway. Complete oil processing plants.

Minneapolis, Minn.—MIAG NORTHAMERICA, INC., 1616 S. 8th St. Complete vegetable oil processing plants.

Cleveland 2, Ohio—V. D. ANDERSON CO., 1990 W. 96th St. Designer and fabricator of complete petroleum and non-flammable type solvent extraction plants and equipment.

Pittsburgh, Pa.—BLAW-KNOX CO., chemical plants div. Also Chicago 1, Ill. Complete process plants for the fatty oil industry.

London, S.W.6, England—COSTAIN-JOHN BROWN LIMITED, proprietors of Bamag (1953) Ltd., Roxby Place. Complete plant for solvent extracting, hydrogenation and deodorizing soybean oils; machinery for recovering and concentrating lecithin.

CONTINUOUS COUNTER-CURRENT SOLVENT EXTRACTORS

Chicago 15, Ill.—WURSTER & SANGER, INC., 1337 E. 52nd St. Complete continuous solvent extraction (Filtrex) plants.

Minneapolis 13, Minn.—CROWN IRON WORKS CO., 1229 Tyler St. N.E.

St. Paul 1, Minn.—FUEL ECONOMY ENGINEERING CO., 510 New York Bldg. Construction of soybean solvent extraction plants.

Haddonfield, N. J.—STOCKDALE ENGINEERING CO. P. O. Box 144. Affiliate of Extraction Continue De Smet, Antwerp, Belgium. Distributor of "De Smet" continuous solvent extraction plants and auxiliary equipment.

West Orange, N. J.—OTTO H. YORK CO., INC., 6 Central Ave. "Yorkmesh Demisters," entrainment separator and mist eliminator wire mesh pads for installation in distillation equipment; evaporators, scrubbers, knockout drums and steam drums.

West Orange, N. J.—YORK PROCESS EQUIPMENT CORP., 6 Central Ave. Liquid-liquid extraction equipment for refining processes. Entrainment separator vessels.

Cleveland 2, Ohio—V. D. ANDERSON CO., 1990 W. 96th St. Designer and fabricator of complete petroleum and non-flammable type solvent extraction plants and equipment.

Piqua, Ohio—FRENCH OIL MILL MACHINERY CO. Vertical, rectangular, and horizontal basket extractors; solvent toasters.

Glen Riddle, Pa.—PITTOCK & ASSOCIATES. Used solvent extraction plants, Anderson and others.

Pittsburgh, Pa.—BLAW-KNOX CO., P. O. BOX 1198. Also Chicago 1, Ill.

London, S.W. 6—COSTAIN-JOHN BROWN LIMITED, proprietors of Bamag (1953) Ltd., Roxby Place.

CONTINUOUS SCREW PRESSES

Cleveland 2, Ohio—V. D. ANDERSON CO., 1990 W. 96th St. Exclusive builder of "Expellers." Designer of complete oil mills.

Piqua, Ohio—FRENCH OIL MILL MACHINERY CO. Continuous screw presses.

Glen Riddle, Pa.—PITTOCK & ASSOCIATES. Anderson and French screw presses; continuous screw presses. Rebuilt for all oilseeds.

DEGUMMING

Chicago 15, Ill.—WURSTER & SANGER, INC., 1337 E. 52nd St. Complete degumming equipment.

Poughkeepsie, N. Y.—DE LAVAL SEPARATOR CO. Offices also at 427 Randolph St., Chicago 6, Ill. and 201 E. Millbrae, Millbrae, Calif.

Philadelphia 40, Pa.—SHARPLES CORP., 2300 Westmoreland St.

Pittsburgh, Pa.—BLAW-KNOX CO., chemical plants div. Also Chicago 1, Ill.

DEODORIZATION

Chicago 15, Ill.—WURSTER & SANGER, INC., 1337 E. 52nd St. Complete batch and continuous, high vacuum deodorization plants.

Rockford, Ill.—ECLIPSE FUEL ENGINEERING CO., 1156 Buchanan St. Dowtherm heating systems and process steam boilers—all packaged units.

DEODORIZATION— (Continued)

Louisville 1, Ky.—GIRDLER CO. Votator div., 224 E. Broadway. Continuous and semi-continuous deodorization plants.

Plainfield, N. J.—ALAN PORTER LEE ASSOCIATES, Saw Mill Rd., R. No. 3. Batch and continuous.

New York 17, N. Y.—INDUSTRIAL CHEMICAL SALES, 230 Park Ave., div. of West Virginia Pulp & Paper Co. Offices at 35 E. Wacker Drive, Chicago 1, Ill.; Philadelphia National Bank Bldg., Philadelphia 7, Pa.; 2775 S. Moreland Blvd., Cleveland 20, Ohio. Activated carbon, refined and crude tall oils.

New York 38, N. Y.—L. A. SALOMON & BRO., 216 Pearl St. Activated carbon, bleaching clays.

New York 6, N. Y.—FOSTER WHEELER CORP., 165 Broadway. Batch and continuous installations. Dowtherm systems.

Oreland, Pa.—ACME COPPERSMITHING & MACHINE CO. Deodorizers.

Pittsburgh, Pa.—BLAW-KNOX CO., chemical plants div. Also Chicago 1, Ill. Batch installations. Dowtherm heating systems.

Warren, Pa.—STRUTHERS WELLS CORP. Batch and continuous deodorizers. Heaters and coolers.

FRACTIONATION

Chicago, Ill.—ARMOUR CHEMICAL DIVISION, 1355 W. 31st St. Plant also at 47th St. and Lawndale Ave., McCook, Ill.

HYDRAULIC PRESSING EQUIPMENT

Piqua Ohio—FRENCH OIL MILL MACHINERY CO.

HYDROGENATION

Chicago 15, Ill.—WURSTER & SANGER, INC., 1337 E. 52nd St. Complete hydrogenation, hydrogen gas producing and storage systems.

Louisville 1, Ky.—GIRDLER CO. "Hygirtol" hydrogen generating plants and hydrogenation facilities.

Plainfield, N. J.—ALAN PORTER LEE ASSOCIATES, Saw Mill Rd., R. No. 3. Hydrogenators.

New York 6, N. Y.—FOSTER WHEELER CORP., 165 Broadway. Hydrogenators.

Pittsburgh, Pa.—BLAW-KNOX CO., chemical plants div. Also Chicago 1, Ill.

Warren, Pa.—STRUTHERS WELLS CORP. Hydrogenators.

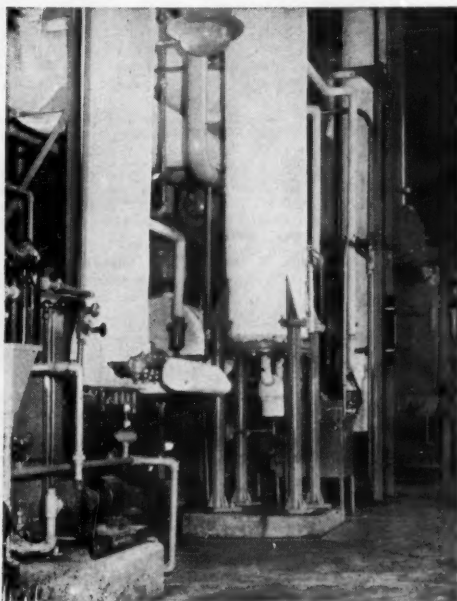
MARGARINE

Chicago 15, Ill.—WURSTER & SANGER, INC., 1337 E. 52nd St. Complete tropical margarine plants.

Louisville 1, Ky.—GIRDLER CO. Complete margarine plants. Margarine manufacturing apparatus.

Saginaw, Mich.—BAKER-PERKINS, INC., chemical machinery div. Mixing equipment, centrifugals.

Pittsburgh, Pa.—BLAW-KNOX CO., chemical plants div. Also Chicago 1, Ill.



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Installation of a low-cost Crown solvent extraction plant means more business . . . **better** business for your community. With one of these simple, easy-to-maintain units, soybeans can be economically processed right in their growing area into high protein feed for livestock and poultry. Thus, you save money by eliminating freight and handling charges for the processed beans . . . **plus saving on** freight charges on the return of the meal.

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1235 Tyler St. N.E.
Minneapolis 13, Minn.

MISCELLANEOUS

Fresno, Calif.—VALLEY FOUNDRY & MACHINE WORKS, INC., 2718 East Ave. Stainless steel tanks. Special equipment made to order.

Los Angeles 64, Calif.—PACIFIC TRANSDUCER CORP., 1118-36 W. Pico Blvd. Melting point meter for oils, waxes, resins.

Oakland 1, Calif.—DORR-OLIVER INC., 2900 Glascock St. Manufactures centrifuges used in all phases of soybean protein production.

San Francisco 10, Calif.—ENTERPRISE ENGINE & MACHINERY CO., 18th and Florida Sts. Subsidiary of General Metals Corp. Foots press—free oil extraction from foots.

Santa Rosa, Calif.—RIETZ MFG. CO., 150 Todd Rd. Branch at West Chester, Pa. Manufacturer of equipment for food and chemical process industries. "Rietz" Disintegrators, Prebreakers and Thermascrows.

Waterbury 20, Conn.—BRISTOL CO., P. O. Box 1790-SB. Temperature recorders; pH measurement and control instruments.

Atlanta, Ga.—DAVIDSON-KENNEDY CO., 1090 Jefferson St. N. W., P. O. Box 97, Sta. D. Extractors, heat exchangers, condensers.

Chicago 50, Ill.—B. F. GUMP CO., 1309 S. Cicero Ave. Feeders.

Decatur, Ill.—BOWMAN WELDING & METAL WORKS, 501 E. North St. Manufactures and rebuilds hard-surfaced screw-type press parts.

Decatur, Ill.—LEADER IRON WORKS, INC., 2156 N. Jasper St. Affiliate of Standard Steel Corp., Los Angeles, Calif. Tanks, kettles, condensers, heat exchangers, rotary driers and coolers.

East Moline, Ill.—NIAGARA FILTERS DIV., American Machine & Metals, Inc.

East Moline, Ill.—TOLHURST CENTRIFUGALS DIV., American Machine & Metals, Inc. Centrifugal extractors.

Maywood, Ill.—COLEMAN INSTRUMENTS, INC., 318 Madison St. Manufactures "Coleman Model 6B Spectrophotometer" for evaluation of vegetable oil color.

Skokie, Ill.—POWERS REGULATOR CO., 3400 Oakton St. Temperature and humidity control systems for processing and space conditioning.

Davenport, Iowa—DAVENPORT MACHINE & FOUNDRY CO., 1628 W. 4th St. "Rotary" driers, conditioners and coolers used in solvent extraction.

Kalamazoo 6, Mich.—HAPMAN-DUTTON CO., 630 Gibson St. Affiliate of Hapman Conveyors, Inc., Kalamazoo. Manufacturer of boilers—steam, hot water, and "Hi-Temp. Thermal Trans." for heating and processing.

Minneapolis 13, Minn.—DAY CO., 810 3rd Ave. N.E. Soybean oil meal coolers.

Minneapolis, Minn.—MIAG NORTHERN AMERICA, INC., 1616 S. 8th St. Basket band solvent extractors, expellers, redler conveyors, flakers and spare rolls for all types of flakers.

Belleville 9, N. J.—WALLACE & TIERNAN INC., 25 Main St. "Merchen" belt-type gravimetric scale feeders and meters for blending, inventory records, process yield records, quality control, bulk loading or unloading. Feeders adaptable for either continuous or batch operations.

Hoboken, N. J.—CONSOLIDATED PRODUCTS CO., INC., 52-54 Bloomfield St. Used Anderson and French screw presses, extractors, stills, columns and kettles.

Plainfield, N. J.—ALAN PORTER LEE ASSOCIATES, Saw Mill Rd., R. No. 3. Miscellaneous refining equipment.

New York 17, N. Y.—HEYDEN CHEMICAL CORP., 342 Madison Ave. Manufactures chemicals including "Propyl Gallate," an antioxidant for the inhibition of rancidity in soybean oil and related products.

Poughkeepsie, N. Y.—DE LAVAL SEPARATOR CO. Offices also at 427 Randolph St., Chicago 6, Ill., and 201 E. Millbrae, Millbrae, Calif. Winterizing; also miscella clarifiers and protein concentrators; centrifugal separators.

Cincinnati 13, Ohio—JORDAN CORP., 6013 Wiehe Road. Subsidiary of OPW Corp. Regulator valves, quick pipe couplings, sight glass indicators, strainers, loading assemblies.

Cleveland 2, Ohio—V. D. ANDERSON CO., 190 W. 9th St. Coolers, screening tanks, flakers, steam traps, atmospheric and pressure meal toasters, distillation systems, filters, steam, gas, air and vapor purifiers, special fabricated equipment.

Erie Pa.—ERIEZ MFG. CO. Permanent non-electric magnets, magnetic non-electric separators.

Glen Riddle, Pa.—PITTOCK & ASSOCIATES. Miscellaneous used and rebuilt oil mill equipment, including meal toasters, coolers, filter presses, oil screening tanks, grinders, scales, elevators and screw conveyors.

Homer City, Pa.—SYNTRON CO., 466 Lexington. Also plant at Blairsville, Pa. Electric vibrators for bins, hoppers, and chutes; vibratory feeders for controlling the flow of materials.

Mertztown, Pa.—ATLAS MINERAL PRODUCTS CO. Also at Houston, Tex. Corrosion-proof coatings, linings, cements and jointing materials resistant to soybean oil; solvents, alkalies and acids employed in the soybean industry.

Oreland, Pa.—ACME COPPERSMITHING & MACHINE CO. Distillation equipment. Drying ovens (with solvent recovery apparatus).

Philadelphia, Pa.—MINNEAPOLIS HONEYWELL REGULATOR CO., industrial div., Wayne and Windrim Ave. Design and fabrication of automatic control instruments and complete process control systems.

Brookings, S. Dak.—E. L. ERICKSON PRODUCTS. Designs and manufactures special equipment for research or other purposes.

Memphis, Tenn.—WILCO MACHINE WORKS, 1301 N. Hollywood. Manufactures Wilco-Stansbury Steam Saver—a closed condensate return system.

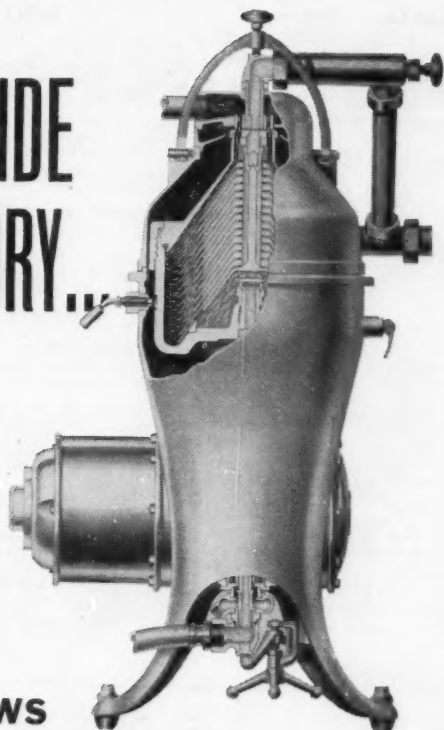
Fort Worth, Tex.—V. A. LESSOR & CO., P. O. Box 108. Used oil mill equipment.

Seattle 44, Wash.—LAUCKS LABORATORIES, INC., 1201 Poplar Place. Manufactures "Laucks Sentry", continuous moisture detector for automatic control of moisture in soybean oil meal and cottonseed meal.

Milwaukee, Wis.—ALLIS-CHALMERS MFG CO., gen. machinery div. Motors, pumps, controls.

Milwaukee 12, Wis.—CLEAVER-BROOKS CO., 326 E. Keefe Ave. Boilers for heating and processing; burners for industrial and commercial installations.

INSIDE STORY...



SHOWS ADVANTAGES OF DE LAVAL HERMETIC® SEPARATOR...

1. Discharges drier soap.
2. Separates soapstock from oil more efficiently.
3. Improves quality of oil.
4. Improves refining yields.
5. Simplifies operational procedure.
6. Reduces handling costs in treating soapstock.
7. Permits easier control of variations in discharge of soapstock or refined oil.
8. Permits adjustment of neutral zone while in operation.
9. Can be cleaned without dismantling the bowl.



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DE LAVAL PACIFIC CO. 201 E. Millbrae Ave., Millbrae, Calif.

SOYBEAN BLUE BOOK

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Chicago 15, Ill.—WURSTER & SANGER, INC., 1337 E. 52nd St. Kettle and continuous refining plants.

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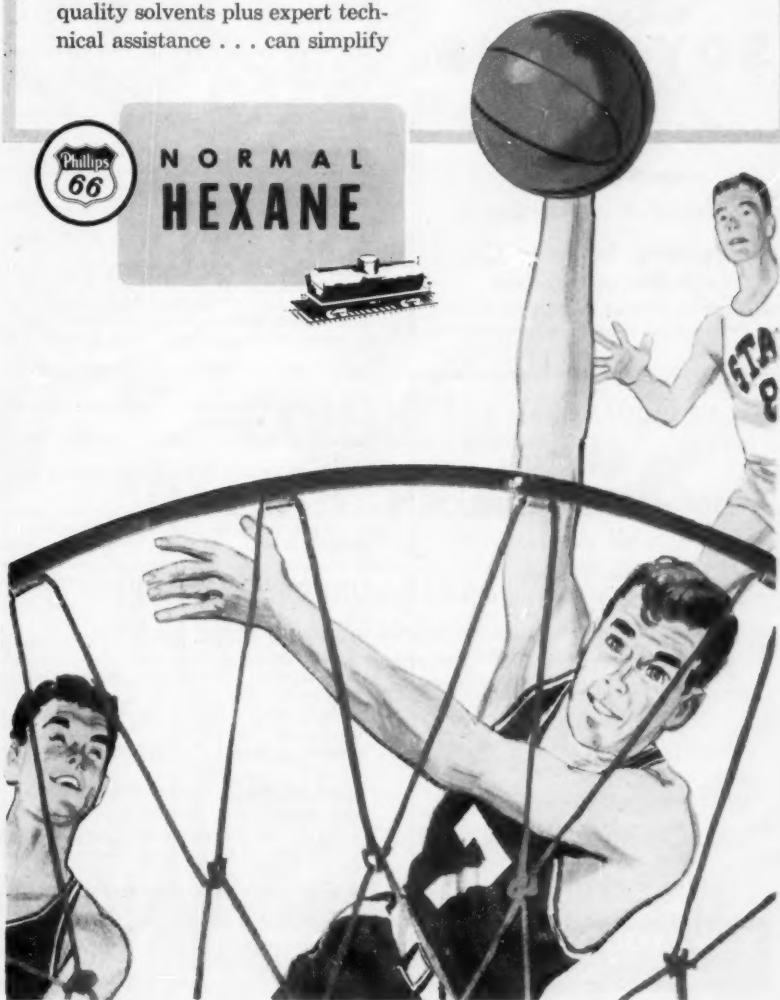
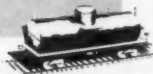
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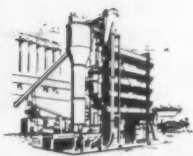


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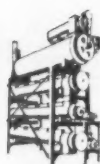
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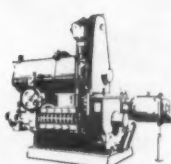
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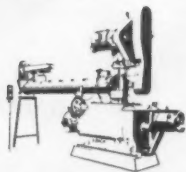
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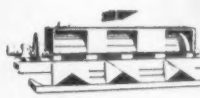
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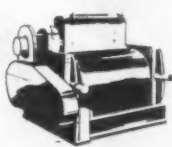
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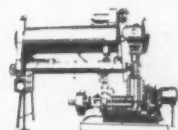
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